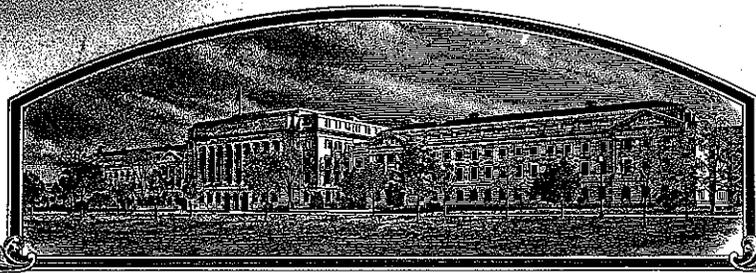


No.

200300210



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

J. R. Simplot Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THEREOF IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR PROPAGATING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

BLUEGRASS, KENTUCKY

'Excursion'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this second day of October, in the year two thousand and eight.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
 AGRICULTURAL MARKETING SERVICE
 SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
 (Instructions and information collection burden statement on reverse)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

| | | | |
|---|---|--|---|
| 1. NAME OF OWNER <i>(bt: 8/11/08)</i> J. R. Simplot Company | | 2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME J-1648, 93-1648 | 3. VARIETY NAME Excursion |
| 4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) W. 5300 Riverbend Avenue Post Falls, ID 83854 | | 5. TELEPHONE (Include area code) (208) 773-7581 | FOR OFFICIAL USE ONLY PVPO NUMBER 200300210 |
| | | 6. FAX (Include area code) (208) 773-4846 | |
| 7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation | 8. IF INCORPORATED, GIVE STATE OF INCORPORATION Nevada | 9. DATE OF INCORPORATION June 28, 1955 | FILING DATE April 7, 2003 |
| 10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) A. Douglas Brede W. 5300 Riverbend Avenue Post Falls, ID 83854 | | | FILING AND EXAMINATION FEES: \$ 3652 DATE 4/7/03 CERTIFICATION FEE: \$ 768.00 DATE 9/12/2008 |

| | | | |
|---|---|--|--|
| 11. TELEPHONE (Include area code) (208) 773-7581 | 12. FAX (Include area code) (208) 773-4846 | 13. E-MAIL dbrede@simplot.com | 14. CROP KIND (Common Name) Kentucky bluegrass |
| 15. GENUS AND SPECIES NAME OF CROP Poa pratensis | | 16. FAMILY NAME (Botanical) Gramineae | 17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

| | |
|--|---|
| 18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,705), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office) | 19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act <input type="checkbox"/> YES (If "yes", answer items 20 and 21 below) <input checked="" type="checkbox"/> NO (If "no", go to item 22) |
| | 20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED |
| | 21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? IF YES, SPECIFY THE NUMBER 1,2,3, etc. <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED (If additional explanation is necessary, please use the space indicated on the reverse.) |

| | |
|---|--|
| 22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input checked="" type="checkbox"/> YES 29 Aug 02 <input type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.) | 23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.) |
|---|--|

24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.
 The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.
 Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

| | |
|---|-----------------------------|
| SIGNATURE OF OWNER <i>A. Douglas Brede</i> | SIGNATURE OF OWNER |
| NAME (Please print or type) A. Douglas Brede | NAME (Please print or type) |
| CAPACITY OR TITLE Research Director | DATE 1 Apr 03 |
| CAPACITY OR TITLE | DATE |

Exhibit 16A**Origin and Breeding History**
Excursion Kentucky Bluegrass

'Excursion' Kentucky bluegrass originated as a highly apomictic, single-plant selection from hybrid cross number 89-1037, made in the field in July, 1989. Pollen from the cultivar 'Midnight' Kentucky bluegrass was used to pollinate plants of 'Limousine.' Seed harvested from the Limousine mother plants was individually sown into cells of greenhouse flats during the spring of 1992. The resulting plants were grown in a spaced-plant field nursery of 40,701 plants in May. Offspring with characteristics dissimilar to Limousine, the female parent, were flagged during maturation in spring of 1993. Plant number 93-1648 (the experimental designation for Excursion) was identified as being different from Limousine by its seedhead characteristics. It produced 10 grams of seed from a single spaced plant, which is slightly more than typical for a bluegrass spaced plant in North Idaho.

Seed harvested from experimental 93-1648 was tested in Jacklin turf quality trials in Idaho in 1993. It was tested in Ohio in 1996, New Jersey in 1994, Maryland in 1994, and in national (NTEP) trials in 2000. It was evaluated in Idaho at both 1¼ inch and ½ inch mowing, and in Maryland at 2 inch and 3/8 inch mowing. Its seed yielding ability was evaluated in a replicated yield trial in Post Falls in 1998 and in a small production block near Connell, WA, seeded in 1998. First breeder seed was produced in 1998 and first experimental certified seed in 2001, although none was sold until release in Fall 2002.

Progeny trials were conducted in spaced-plant nurseries, established near Post Falls, ID, in May 1998, to determine the level of apomixis. Of 1230 Excursion plants, 3.8% were variants in the vegetative (pre-heading) stage, 1.9% were heading maturity variants, 1.3% seedhead variants, 0% miniature plants, and 0% were headless plants. In spaced-plant nurseries, Excursion averaged 96% apomictic, with a 95% confidence range from 93 to 100%. In commercial seed production, actual apomixis level will vary with weather, location, and year.

Excursion Kentucky bluegrass is a stable and uniform cultivar. Over eleven years of commercial seed production, from Breeders through Certified seed, all seedlots evaluated have produced turf of comparable quality and acceptable uniformity and stability. The level of variants observed in commercial seed production has remained remarkably similar to results from the above progeny trial. Variant plants are part of the cultivar but are rogued from Breeders, Foundation, and Registered fields to insure continued uniformity and stability. Variants will continue to occur in every generation due to the facultative apomictic nature of Kentucky bluegrass.

Exhibit 16 B**Statement of Distinctness**
Excursion Kentucky Bluegrass

'Excursion' is a dark green, medium-strawed Kentucky bluegrass. Excursion can be distinguished from all other varieties by the combination of spaced-plant, seed, and turf characteristics described in Tables 1 through 9. Excursion most closely resembles 'Beyond' Kentucky bluegrass but differs from it in the following characters:

1. Excursion has a significantly longer culm length than Beyond (59.2 cm for Excursion vs. 56.3 cm for Beyond in 2000, significant at 0.001 level; 52.8 cm for Excursion vs. 48.6 cm for Beyond in 2001, significant at 0.001 level) (Table 1).
2. Excursion has a significantly longer sheath length of its flag leaf than Beyond (9.2 cm for Excursion vs. 8.4 cm for Beyond in 2000, significant at 0.01 level; 11.9 cm for Excursion vs. 10.4 cm for Beyond in 2001, significant at 0.001 level) (Table 1).
3. Excursion has a significantly longer panicle length than Beyond (9.15 cm for Excursion vs. 8.42 cm for Beyond in 2000, significant at 0.05 level; 9.47 cm for Excursion vs. 8.74 cm for Beyond in 2001, significant at 0.001 level) (Table 1).
4. Excursion has significantly less fall density across the locations of MI1, NE1, NE2, NJ1, and NJ2 in National testing (rating of 7.1 for Excursion versus 7.7 for Beyond, LSD=0.5, significant at 0.05 level) (Table 8, NTEP 2001 results).
5. Excursion has significantly lower establishment ratings across the locations of IA1, IL2, IL3, KS2, KY1, MA1, ME1, NC1, OK1, RI1, WA1, and WY1 in National testing (rating of 47.6% for Excursion versus 53.6% for Beyond, LSD=5.5%, significant at 0.05 level) (Table 9, NTEP 2001 results).

6. LEAF BLADE:

#200300210

- ☆ 4 Green Color
 - 1 = Light Green (Mystic)
 - 2 = Medium Green (Fylking, Bonnieblue)
 - 3 = Moderately dk. green (Merion, Adelphi)
 - 4 = Very dk. green (Nugget, Glade, Enmundi)
- ☆ 3 Bluegreen Color
 - 1 = Not bluegreen (Mystic, Touchdown, Parade)
 - 2 = Moderately bluegreen (Merion, A-34)
 - 3 = Bluegreen (Nugget, Enmundi, Adelphi)
 - 4 = Strongly bluegreen (Majestic)
- 1 Winter color
 - 1 = Light green
 - 2 = Dark green
 - 3 = Light purple
 - 4 = Dark purple
 - 5 = Not purple
 - 6 = Not green or purple

- ☆ 1 Hairs upper side:
 - 1 = Absent (Nugget)
 - 2 = Sparse (Merion)
 - 3 = Dense (Park)
- 1 Hairs lower side:
 - 1 = Absent (Fylking, Merion)
 - 2 = Sparse
 - 3 = Dense (Nugget)
- 2 Luster upper side:
 - 1 = Shiny (Eclipse, Enmundi)
 - 2 = Dull (Aquila, Parade)
- 1 Luster lower side:
 - 1 = Shiny (Mystic, Enmundi)
 - 2 = Dull (Barvie, Eclipse)
- ☆ 1 Margin hairs (Fringe on Margin or Base):
 - 1 = Absent (Delta)
 - 2 = Present (Fylking, Merion)
- ☆ 3 Width
 - 1 = Very fine (Mystic)
 - 2 = Fine (Nugget)
 - 3 = Medium (Merion, Fylking)
 - 4 = Broad (Adelphi, Baron)
 - 5 = Very broad (Monopoly)

2 9 2 mm Width (flag leaf)

0 7 9 mm Narrower than
Width same as

1 7 mm Wider than

4 8 3 mm Length (flag leaf)

5 5 mm Shorter than
Length same as

5 4 mm Longer than
Position of flag leaf (angle to stem):

- ☆ 6 1=Nugget 2=Fylking 3=Delta *11 = Beyond*
- ☆ 11 4=Merion 5=Newport 6=Baron *15 = Total Eclipse*
- ☆ 15 7=Mystic 8=Sabre 9=Reubens
- ☆ 10 1=Nugget 2=Fylking 3=Delta
- ☆ 11 4=Merion 5=Newport 6=Baron
- ☆ 15 7=Mystic 8=Sabre 9=Reubens
- 1 = Appressed 2 = Open angle, yet stiff 3 = Nodding

7. LEAF SHEATH:

- 9 2 mm sheath length
- ☆ Seedling Color (base of sheath):
 - 1 = Green (Nugget, Merion)
 - 2 = Red (Delta)
- ☆ 1 Hairs on Margin:
 - 1 = Absent (Fylking)
 - 2 = Present (Nugget)
- ☆ 1 Margin Roughness (to touch):
 - 1 = Smooth (Delta)
 - 2 = Rough (Sabre)
- 1 Hairs on Surface
 - 1 = Absent
 - 2 = Present (Nugget)
- 1 Surface Roughness (to touch):
 - 1 = Smooth (Fylking)
 - 2 = Rough (Ram I)
- 1 Hairs on both sides just beneath leaf blade (Under collar):
 - 1 = Absent (Merion)
 - 2 = Present (Nugget)
- ☆ 1 Hairs on Ligule:
 - 1 = Absent (Fylking)
 - 2 = Short (Baron)
 - 3 = Long (Nugget)
- 1 Glaucoisity:
 - 1 = Absent (Mystic, Enmundi)
 - 2 = Present (Birka)
- 2 Keel:
 - 1 = Absent (Ram I)
 - 2 = Present (Adelphi)

8 PANICLE (Mature plant):

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| | | | | | | | | |
|--------------------------------|--------------------------------|--------------------------------|---|-----------------------------------|-------------------------------|-------------------------|------------------------|--------------|
| <input type="text" value="9"/> | <input type="text" value="1"/> | <input type="text" value="5"/> | mm Length (Lowest whorl to top, for 10 plants) Test area: | Rathdrum, Idaho. | | | | |
| <input type="text" value="5"/> | <input type="text" value="1"/> | <input type="text" value="3"/> | mm Shorter than | ☆ <input type="text" value="14"/> | 1=Nugget | 2=Fylking | 3=Delta | 10=Award |
| | | | Panicle length same as | ☆ <input type="text" value="10"/> | 4=Merion | 5=Newport | 6=Baron | 11=Beyond |
| <input type="text" value="7"/> | <input type="text" value="3"/> | | mm Longer than | ☆ <input type="text" value="11"/> | 7=Mystic | 8=Sabre | 9=Reubens | 14=Touchdown |
| ☆ | <input type="text" value="2"/> | | Color (at 50% flowering): | | 1 = Not red (Fylking) | 2 = Red (Nugget) | | |
| | <input type="text" value="1"/> | | Shape of Rachis (Opposite lower side of branches): | | 1 No bend (Nugget) | 2 = Bend (Merion) | | |
| ☆ | <input type="text" value="1"/> | | Collar: | | 1 = Opened (Nugget) | 2 = Closed (Merion) | | |
| ☆ | <input type="text" value="2"/> | | Branches Attitude (Lowest whorl): | | 1 = Dropping (America, Prato) | 2 = Horizontal (Merion) | 3 = Ascending (Tundra) | |
| <input type="text" value="4"/> | <input type="text" value="0"/> | | Number of main branches in lowest whorl | | | | | |
| ☆ | <input type="text" value="2"/> | | Panicle Habit: | | 1 = Nodding (Newport) | 2 = Upright (Nugget) | | |
| ☆ | <input type="text" value="1"/> | | Panicle Type: | | 1 = Open | 2 = Intermediate | 3 = Compact | |
| | <input type="text" value="1"/> | | Anther color (anthesis) | | 1 = Purple | 2 = Yellow | 3 = Brown | |

9 Lemma:

| | | | | | |
|---|--------------------------------|---------------------|--------------|------------------------|----------------------|
| ☆ | <input type="text" value="1"/> | Keel | 1 = Galbrous | 2 = Slightly pubescent | 3 = pubescent |
| ☆ | <input type="text" value="1"/> | Marginal Nerves | | | |
| | <input type="text" value="1"/> | Intermediate Nerves | 1 = Distinct | 2 = Obscure | |
| | <input type="text" value="1"/> | Basal Webbing | 1 = Absent | 2 = Scant (Baron) | 3 = Copious (Merion) |

10. SEED (Floret-not hulled):

| | | | | | | | | | |
|--------------------------------|--------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|--------------------------------|------------|---------|-----------|
| ☆ | <input type="text" value="2"/> | Apomixis Percentage | 1 = more than 95 | 2 = 85 to 95 | 3 = less than 85 | | | | |
| | <input type="text" value=""/> | Phenol Reaction | 1 = none-lemma removed (Merion) | 2 = Beige (Cougar) | 3 = Brown (Windsor) | | | | |
| | | | 4 = Black (Mystic 2 hours) | 5 = Black (24 hours) | | | | | |
| <input type="text" value="0"/> | <input type="text" value="7"/> | <input type="text" value="5"/> | mm. Width (average of 10) | <input type="text" value="3"/> | <input type="text" value="1"/> | <input type="text" value="6"/> | mm. Length | | |
| <input type="text" value="4"/> | <input type="text" value="3"/> | <input type="text" value="0"/> | <input type="text" value="0"/> | Milligrams per 10,000 seed | | | | | |
| | <input type="text" value="7"/> | <input type="text" value="0"/> | <input type="text" value="0"/> | Milligrams less than | ☆ <input type="text" value="1"/> | 1=Nugget | 2=Fylking | 3=Delta | 10=Award |
| | | | | Weight same as | ☆ <input type="text" value="11"/> | 4=Merion | 5=Newport | 6=Baron | 11=Beyond |
| <input type="text" value="5"/> | <input type="text" value="0"/> | <input type="text" value="0"/> | Milligrams more than | ☆ <input type="text" value="10"/> | 7=Reubens | 8=Sabre | | | |
| ☆ | <input type="text" value="2"/> | Weight Class (g per 10,000 seed): | 1 = Light (< 3g Sydsport, Merion) | | | | | | |
| | | | 2 = Medium (3g - 4 g Adelphi, Parade) | | | | | | |
| | | | 3 = Heavy (> 4g Fylking, Nugget) | | | | | | |

11. ENVIRONMENTAL RESISTANCE: (0=Not Tested; 1 = Very Susceptible; 2= Moderately susceptible; 3= Moderately resistant; 4 = Highly resistant):

| | | | | | | | |
|--------------------------------|---------------------------------|--------------------------------|-----------------|--------------------------------|----------------------|--------------------------------|-----------------------|
| <input type="text" value="2"/> | Cool Temperature (Winter color) | <input type="text" value="4"/> | Cold (injury) | <input type="text" value="3"/> | Heat | <input type="text" value="4"/> | Drought |
| <input type="text" value="2"/> | Shade | <input type="text" value="3"/> | Low Fertility | <input type="text" value="0"/> | Acid Soil (<pH. 5.5) | <input type="text" value="0"/> | Alkalinity (pH > 7.5) |
| <input type="text" value="0"/> | Salinity | <input type="text" value="0"/> | Soil Compaction | <input type="text" value="0"/> | Poor Drainage | <input type="text" value="0"/> | Air Pollution |
| <input type="text" value=""/> | | <input type="text" value=""/> | | <input type="text" value=""/> | | <input type="text" value=""/> | Other (specify) _____ |

12. DISEASE RESISTANCE: (0=Not Tested; 1 = Very Susceptible; 2= Moderately susceptible; 3= Moderately resistant; 4 = Highly resistant):

| | | | |
|--------------------------------|--|--------------------------------|--------------------------------------|
| <input type="text" value="4"/> | Melting-out <i>Drechslera poa</i> (<i>Helminthosporium vagans</i>) | <input type="text" value="0"/> | Sclerotinia Patch <i>S. borealis</i> |
| <input type="text" value="4"/> | Helminthosporium Leaf spot <i>Bipolaris sorokiniana</i> | <input type="text" value="4"/> | Stem rust <i>Puccinia graminis</i> |

| | |
|-----|---|
| 4 | Brown patch <i>Rhizoctonia solani</i> |
| 2 | Powdery mildew <i>Erysiphe graminis</i> |
| 4 | Stripe smut <i>Ustilage striiformis</i> |
| 0 | Flag Smut <i>Urocystis agropyri</i> |
| 3 | Pink Snow Mold <i>Fusarium nivale</i> |
| 3 | Ergot <i>Claviceps purpurea</i> |
| ☆ 4 | Fusarium blight <i>F. tricinctum</i> , <i>F. roseum</i> |
| 3 | Typhula Blight <i>Typhula</i> spp. |
| 3 | Dollar spot <i>Sclerotinia homoeocarpa</i> |

| | |
|---|--|
| 0 | Stripe Rust <i>P. striiformis</i> |
| 2 | Leaf Rust <i>P. poa-nemoralis</i> |
| 0 | Orange Stripe Rust <i>P. poarum</i> |
| 0 | Pythium Blight <i>Pythium</i> spp.. |
| 0 | Red thread <i>Corticium fusciforme</i> |
| 4 | Other: <u>Summer patch</u> |
| | Other: _____ |
| | |
| | |

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13. INSECTS, NEMATODES, RESISTANCE: (0=Not Tested; 1 = Very Susceptible; 2= Moderately susceptible; 3= Moderately resistant; 4 = Highly resistant):

| | |
|---|--|
| 0 | Chinch Bug <i>Blissus</i> spp. (give species: _____) |
| 0 | Sod Webworm <i>Crambus</i> spp. (give species: _____) |
| 0 | Bluegrass Billbug <i>Sphenophorus parvulus</i> (give species: _____) |
| 0 | White Grub (Japanese Beetle, Chafers. (give species: _____) |
| 0 | Greenbug Aphid <i>Schizaphis graminum</i> |
| | Other: _____ |
| | Other: _____ |

14. GIVE VARIETY OR VARIETIES THAT MOST CLOSELY RESEMBLE THE APPLICATION VARIETY, For the following characteristics indicate Degree of Resemblance by placing the column marked, D.R., one of the following numbers:

1 = Application variety is less than comparison variety. 2 = Same As 3 = More than, better, greater, darker, more disease resistant, etc.

| CHARACTER | VARIETY | D.R. | CHARACTER | VARIETY | D.R. |
|------------------|----------|------|-------------------|---------|------|
| Maturity-heading | Midnight | 2 | Leaf width | Beyond | 2 |
| Height | Absolute | 2 | Leaf color spring | Beyond | 2 |
| Seed size | Beyond | 2 | Leaf color summer | Beyond | 2 |
| Seed weight | Beyond | 2 | Leaf color winter | Beyond | 2 |
| Cold injury | Beyond | 2 | Drought | Beyond | 2 |
| Heat | Beyond | 2 | Disease | Beyond | 2 |
| Shade | Beyond | 2 | (Summer patch) | | |

☆☆Specify each disease evaluated.

15. ADDITIONAL DESCRIPTION:

Describe all character

Exhibit 16D**Additional Description of the Variety**
Excursion Kentucky Bluegrass

'Excursion' is a late maturing cultivar with a high degree of apomixis. In turf and seed production, it is most similar to the cultivar, 'Beyond.' Culm length of Excursion at anthesis averages 59 cm and panicles average 9 cm. Plant diameter from rhizome growth after one year in a spaced plant nursery averages 30 cm. Leaf color is dark green with very little blue. Leaf width is medium fine. The shape of plant in a spaced-plant nursery is somewhat triangular at anthesis, with a definite tapering in culm length towards the perimeter of the plant. Panicles are distinctly purplish in color prior to anthesis. Color of the culms is lighter green than the leaves. Culms are smooth and the edges of the flag leaves are rough, when felt against the grain.

This variety is highly apomictic with only a small percentage of variants, most of them appearing during the pre-heading (vegetative) stage. The predominant variant has a lighter green leaf color and a slightly taller culm. A very small proportion of the variants exhibit a shorter growth habit with slightly broader leaves.

Excursion is a versatile Kentucky bluegrass cultivar, with applications on golf courses, sod farms, sports fields, home lawns, roadsides, cemeteries, and other turf areas, where bluegrass is well adapted. Excursion is tolerant of close mowing, down to ½ inch with good management. Excursion performs well in full sun or partial shade.

Table 1. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 2000 and 2001. Missing values indicate varieties not tested in a given year.

| Variety | Culm length (cm) | | Sheath length (cm) | | Panicle length (cm) | |
|------------------|------------------|-------------|--------------------|-------------|---------------------|-------------|
| | 2000 | 2001 | 2000 | 2001 | 2000 | 2001 |
| Excursion | 59.2 | 52.8 | 9.2 | 11.9 | 9.15 | 9.47 |
| Absolute | 58.6 | 0.340 | 11.2 | 0.000 | 11.16 | 0.000 |
| Arcadia | 51.9 | 0.000 | 8.6 | 0.015 | 8.59 | 0.005 |
| Award | 55.8 | 0.000 | 9.1 | 0.736 | 9.07 | 0.233 |
| Awesome | 57.2 | 0.002 | 8.9 | 0.292 | 8.91 | 0.174 |
| Baron | 43.6 | 0.000 | 9.4 | 0.475 | 9.35 | 0.618 |
| Barrister | 52.9 | 0.000 | 9.7 | 0.017 | 9.70 | 0.048 |
| Beyond | 56.3 | 0.000 | 8.4 | 0.002 | 8.42 | 0.042 |
| Blacksburg | 50.9 | 0.000 | 8.8 | 0.170 | 8.77 | 0.000 |
| Bluemoon | 52.7 | 0.000 | 8.6 | 0.012 | 8.57 | 0.106 |
| Chicago 2 | 46.4 | 0.000 | 6.9 | 0.000 | 6.89 | 0.000 |
| Freedom 2 | 46.8 | 0.000 | 7.9 | 0.000 | 7.92 | 0.000 |
| Glade | 53.9 | 0.000 | 10.3 | 0.000 | 10.31 | 0.000 |
| Impact | 51.0 | 0.000 | 8.8 | 0.169 | 8.83 | 0.567 |
| Liberator | 52.6 | 0.000 | 9.0 | 0.496 | 8.99 | 0.004 |
| Limousine | 45.7 | 0.000 | 7.8 | 0.000 | 7.76 | 0.000 |
| Midnight | 60.8 | 0.008 | 8.4 | 0.000 | 8.41 | 0.000 |
| NuDestiny | 56.1 | 0.000 | 10.8 | 0.000 | 10.76 | 0.000 |
| Nugget | 44.8 | 0.000 | 8.7 | 0.135 | 8.73 | 0.001 |
| NuGlade | 52.8 | 0.000 | 9.8 | 0.008 | 9.76 | 0.454 |
| Odyssey | 56.7 | 0.000 | 11.8 | 0.000 | 11.76 | 0.000 |
| Perfection | 53.9 | 0.000 | 8.9 | 0.203 | 8.86 | 0.261 |
| QuantumLeap | 51.2 | 0.000 | 9.3 | 0.531 | 9.30 | 0.020 |
| Rambo | 52.9 | 0.000 | 8.4 | 0.001 | 8.42 | 0.000 |
| Rugby II | 54.8 | 0.000 | 9.2 | 0.912 | 9.18 | 0.628 |
| Total Eclipse | 53.9 | 0.000 | 8.8 | 0.097 | 8.77 | 0.003 |
| Touchdown | 66.1 | 0.000 | 14.3 | 0.000 | 14.28 | 0.000 |
| Tsunami | 55.3 | 0.000 | 9.3 | 0.590 | 9.28 | 0.724 |

*Prob. = Probability that the variety mean is not significantly different from the variety listed at the top of the table. For example, a value of 0.050 or less would indicate significance at the 5% level of probability.

Table 2. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 1999 and 2000. Missing values indicate varieties not tested in a given year.

| Variety | Flagleaf length (cm) | | Flagleaf width (mm) | | Flagleaf length-to-width ratio (cm cm ⁻¹) | |
|------------------|----------------------|-------------|---------------------|-------------|---|-------------|
| | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 |
| Excursion | 4.83 | 3.96 | 2.92 | 2.35 | 16.9 | 18.1 |
| Absolute | 5.27 | 3.88 | 4.39 | 3.00 | 12.3 | 13.1 |
| Arcadia | 5.59 | 3.81 | 3.56 | 2.51 | 18.3 | 16.9 |
| Award | 5.38 | 4.05 | 3.43 | 2.15 | 16.2 | 20.3 |
| Awesome | 5.22 | 3.60 | 3.18 | 1.87 | 16.8 | 21.2 |
| Baron | 4.63 | 3.28 | 3.71 | 3.38 | 14.2 | 14.3 |
| Barrister | 4.33 | 3.81 | 3.48 | 2.45 | 13.1 | 16.0 |
| Beyond | 4.76 | 4.25 | 3.09 | 2.14 | 15.6 | 22.4 |
| Blacksburg | 5.18 | 3.45 | 4.20 | 2.97 | 12.5 | 12.0 |
| Bluemoon | 5.32 | 3.95 | 3.39 | 1.58 | 16.1 | 27.6 |
| Chicago 2 | | 3.24 | | 1.76 | | 19.1 |
| Freedom 2 | 4.28 | 3.05 | 3.19 | 2.58 | 14.4 | 12.0 |
| Glade | 4.56 | 4.08 | 3.38 | 2.42 | 13.8 | 18.3 |
| Impact | 4.93 | 4.18 | 3.37 | 1.54 | 14.8 | 29.5 |
| Liberator | 6.06 | 4.33 | 3.47 | 1.98 | 18.1 | 23.7 |
| Limousine | 4.36 | 3.42 | 3.33 | 2.56 | 14.4 | 13.8 |
| Midnight | 5.39 | 4.09 | 3.18 | 2.44 | 17.3 | 17.1 |
| NuDestiny | 5.90 | 4.04 | 3.71 | 2.58 | 16.2 | 16.2 |
| Nugget | 3.49 | 3.46 | 3.03 | 2.70 | 12.2 | 12.8 |
| NuGlade | 5.14 | 4.01 | 3.84 | 2.46 | 13.7 | 16.4 |
| Odyssey | 5.09 | 4.49 | 4.07 | 2.54 | 12.7 | 17.7 |
| Perfection | 5.63 | 4.83 | 3.69 | 1.91 | 15.4 | 28.7 |
| QuantumLeap | 5.11 | 4.18 | 3.50 | 2.30 | 14.9 | 18.9 |
| Rambo | 4.75 | 4.18 | 3.35 | 2.44 | 14.3 | 18.0 |
| Rugby II | 4.77 | 4.45 | 3.16 | 1.39 | 15.6 | 33.4 |
| Total Eclipse | 4.29 | 3.75 | 2.75 | 2.25 | 15.9 | 18.1 |
| Touchdown | 5.31 | 3.65 | 3.85 | 4.80 | 14.8 | 8.6 |
| Tsunami | 5.18 | 4.04 | 4.47 | 2.61 | 12.5 | 16.2 |

*Prob. = Probability that the variety mean is not significantly different from the variety listed at the top of the table. For example, a value of 0.050 or less would indicate significance at the 5% level of probability.

Table 3. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 1999 and 2000. Missing values indicate varieties not tested in a given year.

| Variety | Second leaf length (cm) | | Second leaf width (mm) | | Length-to-width ratio (cm cm ⁻¹) | |
|------------------|-------------------------|-------------|------------------------|-------------|--|-------------|
| | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 |
| Excursion | 8.66 | 8.00 | 3.32 | 2.43 | 27.7 | 36.2 |
| Absolute | 8.57 | 7.57 | 5.08 | 2.70 | 17.1 | 31.3 |
| Arcadia | 8.35 | 7.53 | 4.90 | 2.69 | 17.4 | 32.2 |
| Award | 8.82 | 7.89 | 3.83 | 2.45 | 23.9 | 35.1 |
| Awesome | 9.03 | 7.48 | 3.57 | 1.88 | 26.9 | 44.4 |
| Baron | 6.70 | 5.87 | 5.31 | 3.08 | 13.4 | 24.4 |
| Barrister | 6.77 | 7.87 | 3.77 | 2.67 | 18.7 | 31.8 |
| Beyond | 8.37 | 7.72 | 3.51 | 2.13 | 24.9 | 41.1 |
| Blacksburg | 7.29 | 6.49 | 4.17 | 3.20 | 18.0 | 21.5 |
| Bluemoon | 8.70 | 6.90 | 3.70 | 1.76 | 24.7 | 45.0 |
| Chicago 2 | | 4.93 | | 2.09 | | 26.6 |
| Freedom 2 | 7.26 | 5.81 | 3.88 | 2.45 | 19.5 | 25.2 |
| Glade | 6.84 | 6.81 | 3.74 | 2.65 | 19.2 | 28.8 |
| Impact | 8.68 | 7.79 | 3.67 | 1.72 | 24.6 | 51.6 |
| Liberator | 8.49 | 7.98 | 3.75 | 1.97 | 23.5 | 44.2 |
| Limousine | 6.05 | 5.84 | 3.15 | 2.71 | 20.7 | 22.4 |
| Midnight | 7.42 | 7.74 | 3.74 | 2.65 | 20.3 | 30.8 |
| NuDestiny | 7.71 | 7.17 | 4.14 | 2.76 | 19.4 | 28.6 |
| Nugget | 5.51 | 5.85 | 3.28 | 2.64 | 18.1 | 22.7 |
| NuGlade | 8.17 | 8.46 | 3.82 | 2.80 | 22.0 | 31.3 |
| Odyssey | 8.30 | 9.12 | 4.48 | 2.70 | 19.3 | 34.2 |
| Perfection | 9.98 | 8.02 | 4.01 | 1.78 | 25.6 | 52.8 |
| QuantumLeap | 7.91 | 7.93 | 3.80 | 2.30 | 21.5 | 37.4 |
| Rambo | 7.88 | 7.78 | 3.76 | 3.44 | 21.8 | 32.2 |
| Rugby II | 8.03 | 8.45 | 3.29 | 1.51 | 25.6 | 59.3 |
| Total Eclipse | 7.10 | 7.49 | 2.78 | 2.33 | 27.2 | 36.8 |
| Touchdown | 7.38 | 7.53 | 4.54 | 5.80 | 17.9 | 14.7 |
| Tsunami | 7.31 | 8.00 | 4.50 | 2.69 | 17.1 | 31.8 |

*Prob. = Probability that the variety mean is not significantly different from the variety listed at the top of the table. For example, a value of 0.050 or less would indicate significance at the 5% level of probability.

Table 4. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 1999 and 2000. Missing values indicate varieties not tested in a given year.

| Variety | Lowest internode in panicle (cm) | | Panicle length minus lowest internode (cm) | | | | Internode below panicle node (cm) | |
|------------------|----------------------------------|-------------|--|-------------|-------------|-------------|-----------------------------------|-------|
| | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 |
| | prob. | prob. | prob. | prob. | prob. | prob. | prob. | prob. |
| Excursion | 1.96 | 1.54 | 6.36 | 5.94 | 27.5 | 23.4 | | |
| Absolute | 2.00 | 1.32 | 6.30 | 5.37 | 28.8 | 21.9 | 0.067 | 0.002 |
| Arcadia | 2.17 | 1.51 | 6.94 | 5.62 | 31.2 | 22.7 | 0.000 | 0.123 |
| Award | 2.12 | 1.53 | 6.90 | 5.80 | 30.3 | 25.6 | 0.000 | 0.000 |
| Awesome | 1.96 | 1.54 | 6.56 | 5.77 | 30.1 | 24.5 | 0.000 | 0.044 |
| Baron | 2.07 | 1.56 | 7.14 | 5.83 | 26.5 | 18.5 | 0.144 | 0.000 |
| Barrister | 1.90 | 1.58 | 6.16 | 6.13 | 29.1 | 25.0 | 0.026 | 0.002 |
| Beyond | 1.91 | 1.57 | 6.40 | 5.66 | 27.3 | 23.0 | 0.819 | 0.371 |
| Blacksburg | 1.97 | 1.33 | 6.46 | 5.34 | 34.8 | 25.6 | 0.000 | 0.000 |
| Bluemoon | 2.07 | 1.53 | 6.96 | 5.75 | 28.1 | 23.4 | 0.382 | 0.873 |
| Chicago 2 | | 1.29 | | 4.60 | | 24.4 | | 0.055 |
| Freedom 2 | 1.88 | 1.28 | 6.13 | 5.11 | 29.7 | 22.3 | 0.002 | 0.016 |
| Glade | 1.98 | 1.94 | 7.14 | 6.96 | 30.5 | 25.7 | 0.000 | 0.000 |
| Impact | 1.84 | 1.59 | 6.47 | 5.81 | 28.1 | 23.8 | 0.416 | 0.511 |
| Liberator | 1.94 | 1.51 | 6.88 | 5.61 | 28.6 | 22.5 | 0.130 | 0.069 |
| Limousine | 1.81 | 1.42 | 5.74 | 4.62 | 30.8 | 22.6 | 0.000 | 0.154 |
| Midnight | 1.95 | 1.55 | 6.22 | 5.18 | 28.9 | 25.5 | 0.045 | 0.000 |
| NuDestiny | 2.34 | 1.87 | 7.81 | 7.12 | 38.1 | 26.0 | 0.000 | 0.000 |
| Nugget | 1.66 | 1.54 | 5.27 | 5.43 | 27.9 | 21.9 | 0.593 | 0.010 |
| NuGlade | 2.11 | 1.46 | 7.19 | 6.11 | 30.7 | 22.2 | 0.000 | 0.013 |
| Odyssey | 2.08 | 1.68 | 7.15 | 6.65 | 28.1 | 23.1 | 0.366 | 0.473 |
| Perfection | 2.21 | 1.66 | 7.46 | 5.95 | 30.3 | 22.7 | 0.000 | 0.139 |
| QuantumLeap | 2.05 | 1.44 | 6.88 | 5.75 | 30.6 | 22.7 | 0.000 | 0.134 |
| Rambo | 1.82 | 1.43 | 6.39 | 5.51 | 27.7 | 22.0 | 0.762 | 0.003 |
| Rugby II | 1.87 | 1.60 | 6.35 | 5.91 | 27.1 | 22.4 | 0.590 | 0.038 |
| Total Eclipse | 1.77 | 1.52 | 5.82 | 5.59 | 26.7 | 23.2 | 0.254 | 0.628 |
| Touchdown | 3.26 | 2.36 | 8.98 | 8.19 | 37.3 | 29.2 | 0.000 | 0.000 |
| Tsunami | 2.04 | 1.51 | 6.86 | 5.93 | 29.0 | 24.1 | 0.031 | 0.220 |

*Prob. = Probability that the variety mean is not significantly different from the variety listed at the top of the table. For example, a value of 0.050 or less would indicate significance at the 5% level of probability.

Table 5. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 1999 and 2000. Missing values indicate varieties not tested in a given year.

| Variety | Branches at lowest panicle whorl | | Panicle node to flagleaf collar (cm) | | Culm length up to flagleaf node (cm) | |
|------------------|----------------------------------|-------------|--------------------------------------|-------------|--------------------------------------|-------------|
| | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 |
| Excursion | 4.02 | 3.22 | 17.0 | 14.3 | 13.8 | 35.8 |
| Absolute | 3.90 | 3.01 | 17.2 | 10.7 | 24.8 | 36.7 |
| Arcadia | 4.35 | 3.28 | 20.5 | 14.2 | 9.6 | 29.2 |
| Award | 4.25 | 3.43 | 19.5 | 16.5 | 19.1 | 30.3 |
| Awesome | 4.02 | 3.07 | 19.4 | 15.5 | 12.8 | 32.8 |
| Baron | 4.68 | 3.70 | 14.8 | 9.1 | 6.4 | 25.0 |
| Barrister | 4.30 | 3.46 | 18.8 | 15.3 | 12.5 | 27.9 |
| Beyond | 3.78 | 3.18 | 17.2 | 14.6 | 13.1 | 33.3 |
| Blacksburg | 4.17 | 3.48 | 24.2 | 16.8 | 10.5 | 25.3 |
| Bluemoon | 4.03 | 3.27 | 17.1 | 14.8 | 9.7 | 29.3 |
| Chicago 2 | | 3.78 | | 17.6 | | 22.1 |
| Freedom 2 | 4.90 | 4.13 | 20.4 | 14.3 | 15.5 | 24.5 |
| Glade | 4.08 | 3.03 | 19.2 | 15.3 | 5.9 | 28.5 |
| Impact | 4.00 | 3.30 | 17.9 | 15.0 | 10.1 | 27.3 |
| Liberator | 3.97 | 3.23 | 17.7 | 13.6 | 9.5 | 30.0 |
| Limousine | 4.97 | 3.93 | 21.0 | 14.8 | 9.4 | 23.1 |
| Midnight | 3.98 | 2.97 | 18.5 | 17.1 | 17.2 | 35.3 |
| NuDestiny | 4.56 | 3.19 | 25.1 | 15.2 | 9.0 | 30.0 |
| Nugget | 3.85 | 2.87 | 19.0 | 13.2 | 7.9 | 22.9 |
| NuGlade | 4.23 | 3.48 | 19.5 | 12.5 | 13.9 | 30.6 |
| Odyssey | 4.47 | 3.83 | 17.3 | 11.6 | 8.7 | 33.6 |
| Perfection | 4.27 | 3.56 | 18.2 | 13.9 | 26.8 | 31.2 |
| QuantumLeap | 4.43 | 3.38 | 19.7 | 13.4 | 20.5 | 28.5 |
| Rambo | 4.13 | 3.39 | 17.7 | 13.5 | 11.2 | 31.1 |
| Rugby II | 4.02 | 3.47 | 17.4 | 13.2 | 10.8 | 32.4 |
| Total Eclipse | 3.73 | 3.33 | 17.2 | 14.4 | 13.8 | 30.7 |
| Touchdown | 3.55 | 3.30 | 20.8 | 14.9 | 11.6 | 36.9 |
| Tsunami | 4.22 | 3.50 | 18.2 | 14.8 | 13.2 | 31.3 |

*Prob. = Probability that the variety mean is not significantly different from the variety listed at the top of the table. For example, a value of 0.050 or less would indicate significance at the 5% level of probability.

Table 6. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 1999 and 2000. Missing values indicate varieties not tested in a given year.

| Variety | Panicle fresh weight (g/10 panicles) | | Seed length (mm) | | Seed width (mm) | |
|------------------|--------------------------------------|-------------|------------------|-------------|-----------------|-------------|
| | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 |
| Excursion | 1.65 | 1.64 | 3.16 | 2.88 | 0.75 | 0.65 |
| Absolute | 1.30 | 1.85 | | 3.02 | | 0.68 |
| Arcadia | 2.23 | 2.23 | 3.14 | 2.86 | 0.70 | 0.66 |
| Award | 1.86 | 1.82 | 3.10 | 2.90 | 0.69 | 0.65 |
| Awesome | 1.57 | 1.45 | 3.10 | 2.80 | 0.73 | 0.65 |
| Baron | 1.76 | 2.27 | | 2.98 | | 0.76 |
| Barrister | 1.91 | 1.98 | 2.95 | 2.84 | 0.70 | 0.64 |
| Beyond | 1.87 | 1.50 | 3.14 | 2.83 | 0.71 | 0.63 |
| Blacksburg | 2.04 | 1.42 | | 2.49 | | 0.66 |
| Bluemoon | 0.97 | 1.53 | 3.12 | 2.88 | 0.69 | 0.63 |
| Chicago 2 | | 1.98 | | 3.05 | | 0.69 |
| Freedom 2 | 1.80 | 1.49 | | 2.96 | | 0.66 |
| Glade | 1.64 | 1.80 | 3.16 | 3.04 | 0.74 | 0.69 |
| Impact | 1.45 | 1.41 | 3.01 | 2.79 | 0.72 | 0.64 |
| Liberator | 1.36 | 1.55 | 3.06 | 2.83 | 0.69 | 0.65 |
| Limousine | 2.33 | 1.01 | | 2.67 | | 0.59 |
| Midnight | 2.61 | 1.59 | 3.05 | 2.87 | 0.70 | 0.65 |
| NuDestiny | 1.65 | 2.11 | 3.13 | 2.97 | 0.72 | 0.69 |
| Nugget | 0.99 | 1.18 | 3.22 | 3.29 | 0.73 | 0.71 |
| NuGlade | 1.60 | 2.01 | 3.16 | 2.84 | 0.71 | 0.64 |
| Odyssey | 1.40 | 1.88 | 3.15 | 2.88 | 0.68 | 0.64 |
| Perfection | 2.19 | 1.76 | 3.04 | 2.87 | 0.70 | 0.64 |
| QuantumLeap | 2.40 | 1.99 | 3.14 | 2.88 | 0.69 | 0.66 |
| Rambo | 1.11 | 1.43 | 3.13 | 2.81 | 0.70 | 0.63 |
| Rugby II | 0.92 | 1.86 | 3.03 | 2.94 | 0.69 | 0.67 |
| Total Eclipse | 2.10 | 1.31 | 3.09 | 2.77 | 0.70 | 0.63 |
| Touchdown | 1.72 | 1.94 | | 2.92 | | 0.72 |
| Tsunami | 2.03 | 1.80 | 3.09 | 2.78 | 0.71 | 0.63 |

*Prob. = Probability that the variety mean is not significantly different from the variety listed at the top of the table. For example, a value of 0.050 or less would indicate significance at the 5% level of probability.

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Table 8. Comparison of Excursion and Beyond in the 2000 Kentucky bluegrass NTEP trial, 2001 data.

TABLE 18. FALL DENSITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

| NAME | DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/ | | | | | MEAN |
|--------------------------|---|-----|-----|-----|-----|------|
| | MI1 | NE1 | NE2 | NJ1 | NJ2 | |
| NORTH STAR | 7.3 | 8.7 | 9.0 | 6.3 | 8.3 | 7.9 |
| A97-857 | 6.7 | 9.0 | 8.7 | 7.3 | 7.7 | 7.9 |
| ALPINE | 7.0 | 9.0 | 9.0 | 7.0 | 7.3 | 7.9 |
| B4-128A | 7.0 | 8.7 | 8.7 | 6.7 | 8.3 | 7.9 |
| AWARD | 7.3 | 9.0 | 8.7 | 7.7 | 6.3 | 7.8 |
| BARRISTER (J-1655) | 7.3 | 9.0 | 9.0 | 7.3 | 6.3 | 7.8 |
| COVENTRY | 7.3 | 9.0 | 8.7 | 6.3 | 7.7 | 7.8 |
| J-2695 | 7.0 | 9.0 | 8.7 | 7.3 | 7.0 | 7.8 |
| KENBLUE | 6.7 | 8.3 | 8.7 | 7.7 | 7.7 | 7.8 |
| PP H 6366 | 7.0 | 9.0 | 8.7 | 6.0 | 8.3 | 7.8 |
| PP H 6370 | 7.7 | 8.7 | 8.7 | 6.7 | 7.0 | 7.7 |
| J-1838 | 7.0 | 9.0 | 8.7 | 8.0 | 6.0 | 7.7 |
| BEYOND (J-1880) | 7.3 | 9.0 | 9.0 | 6.7 | 6.3 | 7.7 |
| PST-1701 | 7.0 | 8.3 | 9.0 | 7.3 | 6.7 | 7.7 |
| RUGBY II | 7.3 | 9.0 | 8.7 | 7.0 | 6.3 | 7.7 |
| TSUNAMI (J-2487) | 7.0 | 9.0 | 9.0 | 7.3 | 6.0 | 7.7 |
| ROYCE (A98-304) | 7.0 | 9.0 | 8.7 | 7.7 | 6.0 | 7.7 |
| A97-1715 | 7.0 | 8.7 | 8.7 | 7.3 | 6.3 | 7.6 |
| BLACKSTONE | 7.7 | 8.3 | 8.7 | 7.0 | 6.3 | 7.6 |
| ODYSSEY | 7.0 | 8.7 | 9.0 | 7.0 | 6.3 | 7.6 |
| HV 140 | 6.3 | 8.3 | 8.7 | 7.0 | 7.3 | 7.5 |
| SRX 26351 | 6.7 | 9.0 | 8.7 | 5.7 | 7.7 | 7.5 |
| EAGLETON | 6.7 | 9.0 | 9.0 | 7.3 | 5.7 | 7.5 |
| GOLDRUSH | 6.7 | 8.7 | 8.7 | 6.3 | 7.3 | 7.5 |
| J-1368 | 6.7 | 8.7 | 8.7 | 7.3 | 6.3 | 7.5 |
| J-2890 | 7.0 | 8.7 | 8.0 | 6.7 | 7.3 | 7.5 |
| MIDNIGHT II (A98-739) | 7.0 | 9.0 | 9.0 | 7.0 | 5.7 | 7.5 |
| A97-1330 | 6.7 | 9.0 | 9.0 | 6.0 | 6.7 | 7.5 |
| BAR PP 0471 | 6.7 | 9.0 | 9.0 | 6.3 | 6.3 | 7.5 |
| GO-9LM9 | 6.3 | 8.3 | 9.0 | 6.7 | 7.0 | 7.5 |
| LANGARA | 7.0 | 9.0 | 9.0 | 6.0 | 6.3 | 7.5 |
| MIDNIGHT | 7.0 | 9.0 | 8.3 | 7.0 | 6.0 | 7.5 |
| TOTAL ECLIPSE | 8.0 | 9.0 | 9.0 | 6.3 | 5.0 | 7.5 |
| IMPACT | 7.3 | 9.0 | 9.0 | 6.3 | 5.7 | 7.5 |
| JULIUS | 7.0 | 9.0 | 8.0 | 5.3 | 8.0 | 7.5 |
| BARTITIA | 7.0 | 8.3 | 8.7 | 6.0 | 7.0 | 7.4 |
| H92-203 | 7.0 | 9.0 | 8.7 | 6.3 | 6.0 | 7.4 |
| J-1420 | 7.0 | 8.7 | 9.0 | 6.3 | 6.0 | 7.4 |
| J-1513 | 7.7 | 9.0 | 8.3 | 7.0 | 5.0 | 7.4 |
| J-1515 | 7.3 | 9.0 | 9.0 | 6.3 | 5.3 | 7.4 |
| LIMOUSINE | 6.7 | 9.0 | 8.7 | 5.3 | 7.3 | 7.4 |
| SR 2284 (SRX 2284) | 7.3 | 9.0 | 8.0 | 7.0 | 5.7 | 7.4 |
| UNKNOWN | 6.7 | 9.0 | 8.7 | 6.3 | 6.3 | 7.4 |
| CHATEAU | 7.7 | 8.7 | 8.7 | 4.7 | 7.0 | 7.3 |
| FAIRFAX | 6.7 | 9.0 | 8.7 | 5.3 | 7.0 | 7.3 |
| ROYALE (A97-1336) | 7.0 | 9.0 | 9.0 | 6.7 | 5.0 | 7.3 |
| ALLURE | 6.7 | 8.3 | 8.0 | 6.3 | 7.3 | 7.3 |
| B5-43 | 6.7 | 8.7 | 8.3 | 5.7 | 7.3 | 7.3 |
| B5-45 | 7.0 | 9.0 | 8.7 | 5.0 | 7.0 | 7.3 |
| BLUESTONE (PST-731) | 7.0 | 8.7 | 9.0 | 7.0 | 5.0 | 7.3 |
| J-2561 | 7.0 | 9.0 | 8.7 | 6.7 | 5.3 | 7.3 |
| LILY | 7.0 | 9.0 | 8.0 | 6.0 | 6.7 | 7.3 |
| MOON SHADOW (PICK 113-3) | 6.3 | 9.0 | 9.0 | 6.0 | 6.3 | 7.3 |
| PRO SEEDS - 453 | 6.3 | 9.0 | 9.0 | 6.0 | 6.3 | 7.3 |
| QUANTUM LEAP | 7.3 | 8.7 | 8.7 | 6.3 | 5.7 | 7.3 |
| SHOWCASE | 7.0 | 9.0 | 8.7 | 6.3 | 5.7 | 7.3 |
| A98-1028 | 6.3 | 9.0 | 9.0 | 5.7 | 6.3 | 7.3 |
| B5-144 | 7.0 | 8.7 | 8.3 | 5.7 | 6.7 | 7.3 |
| CABERNET | 6.0 | 8.7 | 8.3 | 6.7 | 6.7 | 7.3 |

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| | | | | | | |
|----------------------|-----|-----|-----|-----|-----|-----|
| JULIA | 7.3 | 8.7 | 8.3 | 6.3 | 5.7 | 7.3 |
| LIBERATOR | 7.0 | 8.7 | 8.3 | 6.7 | 5.7 | 7.3 |
| MISTY | 6.7 | 8.0 | 8.7 | 6.0 | 7.0 | 7.3 |
| SHAMROCK | 6.7 | 8.7 | 9.0 | 6.7 | 5.3 | 7.3 |
| ARCADIA | 7.0 | 9.0 | 9.0 | 5.3 | 6.0 | 7.3 |
| BRILLIANT | 7.0 | 9.0 | 8.7 | 6.0 | 5.7 | 7.3 |
| LAKESHORE (A93-200) | 6.0 | 8.7 | 9.0 | 6.0 | 6.7 | 7.3 |
| PST-10G-27 | 7.3 | 9.0 | 8.3 | 6.3 | 5.3 | 7.3 |
| UNIQUE | 7.0 | 9.0 | 9.0 | 6.3 | 5.0 | 7.3 |
| ABBEY | 7.0 | 8.3 | 8.0 | 6.3 | 6.3 | 7.2 |
| BEDAZZLED | 7.0 | 9.0 | 9.0 | 5.7 | 5.3 | 7.2 |
| CHAMPLAIN (A98-1275) | 6.7 | 9.0 | 9.0 | 6.0 | 5.3 | 7.2 |
| ENVICTA | 6.7 | 8.3 | 8.0 | 6.0 | 7.0 | 7.2 |
| EVERGLADE | 7.0 | 8.7 | 8.3 | 6.3 | 5.7 | 7.2 |
| FREEDOM II | 7.7 | 9.0 | 8.7 | 5.0 | 5.7 | 7.2 |
| PP H 7832 | 6.3 | 9.0 | 9.0 | 5.3 | 6.3 | 7.2 |
| PST-108-79 | 6.7 | 8.7 | 7.3 | 6.0 | 7.3 | 7.2 |
| PST-1804 | 7.0 | 8.0 | 8.7 | 6.0 | 6.3 | 7.2 |
| SERENE | 7.0 | 9.0 | 8.3 | 5.7 | 6.0 | 7.2 |
| A98-881 | 7.0 | 9.0 | 8.3 | 5.7 | 5.7 | 7.1 |
| B3-185 | 6.7 | 9.0 | 8.7 | 6.0 | 5.3 | 7.1 |
| CHELSEA | 7.0 | 8.3 | 7.7 | 4.7 | 8.0 | 7.1 |
| APOLLO | 7.3 | 9.0 | 8.3 | 5.3 | 5.7 | 7.1 |
| BARIRIS | 6.7 | 8.3 | 8.7 | 5.7 | 6.3 | 7.1 |
| DLF 76-9037 | 7.0 | 9.0 | 8.7 | 5.7 | 5.3 | 7.1 |
| EXCURSION (J-1648) | 7.0 | 8.7 | 8.7 | 6.0 | 5.3 | 7.1 |
| LIMERICK | 7.3 | 8.7 | 8.0 | 6.0 | 5.7 | 7.1 |
| NUGLADE | 8.0 | 8.7 | 8.0 | 6.0 | 5.0 | 7.1 |
| PST-H6-150 | 6.7 | 9.0 | 8.3 | 6.0 | 5.7 | 7.1 |
| RAMBO | 7.3 | 9.0 | 8.3 | 5.7 | 5.3 | 7.1 |
| A97-1432 | 6.7 | 9.0 | 9.0 | 5.7 | 5.0 | 7.1 |
| A98-139 | 6.7 | 8.0 | 8.3 | 7.0 | 5.3 | 7.1 |
| BAR PP 0468 | 6.7 | 9.0 | 8.7 | 6.3 | 4.7 | 7.1 |
| CHAMPAGNE | 6.7 | 8.7 | 8.7 | 6.0 | 5.3 | 7.1 |
| DLF 76-9032 | 6.7 | 9.0 | 8.7 | 6.0 | 5.0 | 7.1 |
| HALLMARK | 7.3 | 8.7 | 8.0 | 6.0 | 5.3 | 7.1 |
| PRINCETON 105 | 7.0 | 9.0 | 9.0 | 5.0 | 5.3 | 7.1 |
| RAVEN | 7.0 | 8.3 | 8.3 | 6.0 | 5.7 | 7.1 |
| SRX 27921 | 7.0 | 8.0 | 8.3 | 5.3 | 6.7 | 7.1 |
| ASCOT | 7.0 | 9.0 | 9.0 | 5.3 | 5.0 | 7.1 |
| BA 84-140 | 7.7 | 8.3 | 8.7 | 6.3 | 4.3 | 7.1 |
| BROOKLAWN | 6.0 | 8.7 | 8.7 | 7.0 | 5.0 | 7.1 |
| PICK 453 | 7.0 | 8.7 | 8.7 | 6.0 | 5.0 | 7.1 |
| PST-B5-125 | 7.0 | 9.0 | 8.7 | 5.3 | 5.3 | 7.1 |
| B3-171 | 7.0 | 9.0 | 8.3 | 5.7 | 5.0 | 7.0 |
| H94-293 | 7.3 | 8.7 | 8.7 | 6.0 | 4.3 | 7.0 |
| HV 238 | 7.0 | 8.3 | 8.7 | 5.7 | 5.3 | 7.0 |
| PICK 417 | 7.0 | 8.7 | 8.3 | 6.0 | 5.0 | 7.0 |
| WASHINGTON | 6.3 | 8.3 | 9.0 | 5.7 | 5.7 | 7.0 |
| DLF 76-9036 | 6.3 | 8.3 | 8.3 | 5.7 | 6.0 | 6.9 |
| JEFFERSON | 7.0 | 9.0 | 8.3 | 5.0 | 5.3 | 6.9 |
| PST-161 | 7.3 | 8.0 | 8.7 | 5.7 | 5.0 | 6.9 |
| PST-B4-246 | 6.7 | 9.0 | 8.7 | 5.0 | 5.3 | 6.9 |
| PST-H5-35 | 7.0 | 9.0 | 8.3 | 5.3 | 5.0 | 6.9 |
| A98-365 | 7.0 | 9.0 | 8.7 | 5.7 | 4.3 | 6.9 |
| BA 82-288 | 7.7 | 8.7 | 8.7 | 5.3 | 4.3 | 6.9 |
| BARON | 7.0 | 8.0 | 7.7 | 6.3 | 5.7 | 6.9 |
| J-2885 | 6.7 | 8.7 | 8.3 | 5.7 | 5.3 | 6.9 |
| MOONLIGHT | 7.7 | 8.7 | 8.3 | 5.7 | 4.3 | 6.9 |
| PST-B3-170 | 7.0 | 8.7 | 9.0 | 5.0 | 5.0 | 6.9 |
| A96-742 | 6.7 | 8.0 | 8.3 | 6.0 | 5.3 | 6.9 |
| BARZAN | 6.7 | 7.0 | 7.3 | 6.7 | 6.7 | 6.9 |
| BARONIE | 7.0 | 8.7 | 9.0 | 5.3 | 4.3 | 6.9 |
| SRX 2394 | 7.0 | 8.7 | 8.3 | 5.3 | 5.0 | 6.9 |
| SRX QG245 | 7.3 | 7.3 | 7.7 | 5.0 | 7.0 | 6.9 |
| BAR PP 0573 | 6.7 | 9.0 | 8.3 | 5.3 | 4.7 | 6.8 |
| BLUE KNIGHT | 7.0 | 8.0 | 8.3 | 5.7 | 5.0 | 6.8 |
| CHICAGO II | 7.0 | 9.0 | 8.7 | 4.0 | 5.3 | 6.8 |
| EVEREST | 6.7 | 8.3 | 8.0 | 6.0 | 5.0 | 6.8 |
| MALLARD (A97-1439) | 7.3 | 8.3 | 8.7 | 5.3 | 4.3 | 6.8 |
| MARQUIS | 7.0 | 8.0 | 8.0 | 6.0 | 5.0 | 6.8 |

| | | | | | | |
|--------------------------|-----|-----|-----|------|------|------|
| BH 00-6002 | 7.0 | 8.0 | 8.3 | 5.0 | 5.3 | 6.7 |
| BORDEAUX | 7.0 | 8.3 | 8.0 | 5.7 | 4.7 | 6.7 |
| PICK-232 | 7.3 | 8.3 | 7.7 | 5.7 | 4.7 | 6.7 |
| BARITONE | 7.0 | 8.7 | 8.7 | 4.7 | 4.7 | 6.7 |
| BOUTIQUE | 7.0 | 8.7 | 8.3 | 5.3 | 4.3 | 6.7 |
| CVB-20631 | 6.7 | 8.3 | 7.3 | 4.3 | 7.0 | 6.7 |
| JEWEL | 6.3 | 8.3 | 8.3 | 6.3 | 4.3 | 6.7 |
| SONOMA | 6.7 | 8.7 | 8.0 | 5.3 | 5.0 | 6.7 |
| A96-427 | 6.3 | 8.7 | 8.3 | 5.3 | 4.7 | 6.7 |
| A97-1409 | 7.0 | 8.0 | 8.3 | 4.7 | 5.3 | 6.7 |
| BARONETTE (BA 81-058) | 7.0 | 8.3 | 8.7 | 4.7 | 4.7 | 6.7 |
| PP H 7907 | 7.0 | 8.3 | 7.7 | 5.0 | 5.3 | 6.7 |
| PST-YORK HARBOR 4 | 7.0 | 8.7 | 8.3 | 5.0 | 4.3 | 6.7 |
| SI A96-386 | 7.0 | 9.0 | 8.3 | 5.3 | 3.7 | 6.7 |
| PP H 7929 | 6.7 | 8.7 | 7.7 | 4.3 | 6.0 | 6.7 |
| A96-451 | 7.3 | 9.0 | 8.7 | 4.7 | 3.3 | 6.6 |
| ARROW (A97-1567) | 7.0 | 8.7 | 7.7 | 5.0 | 4.7 | 6.6 |
| BOOMERANG | 6.7 | 7.7 | 8.0 | 5.7 | 5.0 | 6.6 |
| GOLDSTAR (A98-296) | 7.0 | 8.0 | 8.3 | 5.7 | 4.0 | 6.6 |
| RITA | 7.0 | 8.3 | 8.3 | 5.0 | 4.3 | 6.6 |
| WELLINGTON | 6.0 | 8.0 | 8.3 | 5.0 | 5.7 | 6.6 |
| BA 00-6001 | 6.7 | 8.3 | 8.0 | 4.7 | 5.0 | 6.5 |
| SRX 2114 | 6.3 | 8.3 | 8.0 | 5.0 | 5.0 | 6.5 |
| WILDWOOD | 7.0 | 8.3 | 7.7 | 4.7 | 5.0 | 6.5 |
| BA 83-113 | 7.0 | 8.7 | 8.3 | 5.0 | 3.7 | 6.5 |
| BAR PP 0566 | 7.3 | 8.0 | 8.3 | 4.7 | 4.3 | 6.5 |
| PST-222 | 7.0 | 8.3 | 7.7 | 5.3 | 4.0 | 6.5 |
| A98-183 | 6.7 | 8.0 | 8.0 | 5.3 | 4.0 | 6.4 |
| PST-B5-89 | 7.0 | 8.7 | 7.3 | 5.7 | 3.3 | 6.4 |
| BLACKSBURG II (PST-1BMY) | 6.7 | 8.3 | 8.3 | 5.3 | 3.0 | 6.3 |
| DLF 76-9034 | 6.3 | 8.0 | 8.0 | 4.7 | 4.7 | 6.3 |
| H92-558 | 7.0 | 8.7 | 7.7 | 5.3 | 3.0 | 6.3 |
| 99AN-53 | 6.7 | 8.3 | 7.0 | 4.7 | 4.7 | 6.3 |
| 1B7-308 | 6.3 | 8.3 | 8.0 | 6.0 | 2.7 | 6.3 |
| A96-739 | 7.0 | 8.3 | 7.3 | 5.3 | 3.3 | 6.3 |
| BODACIOUS | 6.7 | 8.3 | 7.3 | 4.3 | 4.3 | 6.2 |
| PST-604 | 6.0 | 8.7 | 8.0 | 5.0 | 3.3 | 6.2 |
| MONTE CARLO (A96-402) | 7.3 | 8.0 | 8.0 | 5.3 | 2.0 | 6.1 |
| A98-407 | 6.3 | 8.7 | 8.3 | 4.7 | 2.3 | 6.1 |
| BLUE RIDGE (A97-1449) | 6.7 | 8.0 | 7.3 | 5.0 | 3.3 | 6.1 |
| BH 00-6003 | 6.7 | 8.0 | 7.0 | 4.0 | 3.7 | 5.9 |
| NA-K991 | 6.0 | 8.7 | 7.7 | 3.7 | 2.0 | 5.6 |
| NA-K992 | 7.0 | 7.0 | 6.7 | 3.7 | 2.3 | 5.3 |
| LSD VALUE | 0.9 | 0.7 | 1.0 | 1.6 | 1.4 | 0.5 |
| C.V. (%) | 8.1 | 5.2 | 7.1 | 17.4 | 16.0 | 10.4 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

#200300210

Table 9. Comparison of Excursion and Beyond in the 2000 Kentucky bluegrass NTEP trial, 2001 data.

TABLE 33.

PERCENT ESTABLISHMENT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/

2001 DATA 2/

| NAME | IA1 | IL3 | KS2 | KY1 | MA1 | ME1 | NC1 | OK1 | RI1 | WA1 | WI1 | WY1 | MEAN |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| GO-9LM9 | 66.7 | 72.0 | 66.7 | 85.0 | 45.0 | 73.3 | 88.3 | 73.3 | 46.7 | 80.0 | 60.0 | 85.0 | 70.2 |
| KENBLUE | 70.0 | 83.3 | 70.0 | 65.0 | 46.7 | 80.0 | 93.3 | 70.0 | 68.3 | 70.0 | 45.0 | 75.0 | 69.7 |
| WASHINGTON | 76.7 | 91.7 | 60.0 | 60.0 | 46.7 | 60.0 | 93.0 | 70.0 | 56.7 | 78.3 | 51.7 | 86.7 | 69.3 |
| WILDWOOD | 70.0 | 81.7 | 46.7 | 67.5 | 23.3 | 70.0 | 91.7 | 71.7 | 53.3 | 65.0 | 55.0 | 83.3 | 64.9 |
| ABBEY | 63.3 | 71.7 | 46.7 | 58.3 | 45.0 | 73.3 | 83.3 | 68.3 | 60.0 | 70.0 | 53.3 | 83.3 | 64.7 |
| LILY | 66.7 | 72.0 | 36.7 | 73.3 | 33.3 | 60.0 | 91.7 | 66.7 | 60.0 | 68.3 | 53.3 | 80.0 | 63.5 |
| APOLLO | 66.7 | 81.3 | 50.0 | 70.0 | 25.0 | 60.0 | 80.0 | 68.3 | 60.0 | 71.7 | 56.7 | 66.7 | 63.0 |
| RAVEN | 70.0 | 71.0 | 40.0 | 60.0 | 31.7 | 76.7 | 95.0 | 66.7 | 50.0 | 73.3 | 45.0 | 73.3 | 62.7 |
| HALLMARK | 70.0 | 58.0 | 40.0 | 65.0 | 31.7 | 66.7 | 95.0 | 71.7 | 60.0 | 56.7 | 41.7 | 81.7 | 61.5 |
| EAGLETON | 66.7 | 66.7 | 43.3 | 65.0 | 28.3 | 53.3 | 90.0 | 70.0 | 58.3 | 76.7 | 38.3 | 80.0 | 61.4 |
| AWARD | 56.7 | 71.3 | 36.7 | 71.7 | 40.0 | 66.7 | 81.7 | 65.0 | 56.7 | 66.7 | 45.0 | 78.3 | 61.4 |
| SERENE | 70.0 | 71.7 | 46.7 | 53.3 | 28.3 | 56.7 | 91.0 | 71.7 | 63.3 | 65.0 | 40.0 | 70.0 | 60.6 |
| WELLINGTON | 60.0 | 73.3 | 43.3 | 50.0 | 31.7 | 73.3 | 81.7 | 70.0 | 53.3 | 63.3 | 40.0 | 81.7 | 60.1 |
| IMPACT | 63.3 | 85.3 | 36.7 | 40.0 | 28.3 | 73.3 | 90.0 | 66.7 | 40.0 | 61.7 | 50.0 | 81.7 | 59.8 |
| GOLDRUSH | 63.3 | 75.0 | 40.0 | 63.3 | 36.7 | 70.0 | 80.0 | 63.3 | 58.3 | 58.3 | 38.3 | 63.3 | 59.2 |
| ROYCE (A98-304) | 60.0 | 84.7 | 50.0 | 36.7 | 28.3 | 56.7 | 86.7 | 70.0 | 70.0 | 55.0 | 38.3 | 70.0 | 58.9 |
| BRILLIANT | 60.0 | 74.0 | 36.7 | 68.3 | 33.3 | 56.7 | 81.7 | 60.0 | 56.7 | 55.0 | 36.7 | 86.7 | 58.8 |
| J-1513 | 50.0 | 57.0 | 50.0 | 51.7 | 33.3 | 56.7 | 85.0 | 66.7 | 56.7 | 70.0 | 45.0 | 81.7 | 58.6 |
| ARROW (A97-1567) | 66.7 | 55.0 | 40.0 | 45.0 | 35.0 | 80.0 | 85.0 | 68.3 | 46.7 | 73.3 | 38.3 | 68.3 | 58.5 |
| SRX 26351 | 56.7 | 75.7 | 60.0 | 41.7 | 25.0 | 56.7 | 81.7 | 66.7 | 55.0 | 73.3 | 36.7 | 71.7 | 58.4 |
| ALPINE | 53.3 | 79.0 | 50.0 | 53.3 | 26.7 | 63.3 | 85.0 | 60.0 | 53.3 | 60.0 | 48.3 | 68.0 | 58.4 |
| ENVICTA | 66.7 | 47.0 | 46.7 | 46.7 | 28.3 | 70.0 | 86.7 | 68.3 | 43.3 | 65.0 | 48.3 | 81.7 | 58.2 |
| BH 00-6002 | 56.7 | 72.3 | 36.7 | 75.0 | 28.3 | 56.7 | 86.7 | 68.3 | 50.0 | 60.0 | 31.7 | 73.3 | 58.0 |
| BARRISTER (J-1655) | 56.7 | 84.0 | 40.0 | 41.7 | 30.0 | 63.3 | 83.3 | 70.0 | 53.3 | 63.3 | 40.0 | 70.0 | 58.0 |
| PP H 6366 | 56.7 | 52.3 | 43.3 | 68.3 | 20.0 | 50.0 | 90.0 | 61.7 | 60.0 | 66.7 | 55.0 | 71.7 | 58.0 |
| RAMBO | 60.0 | 91.7 | 40.0 | 56.7 | 33.3 | 50.0 | 88.3 | 66.7 | 40.0 | 56.7 | 41.7 | 70.0 | 57.9 |
| UNKNOWN | 56.7 | 72.7 | 30.0 | 71.7 | 28.3 | 60.0 | 85.0 | 65.0 | 53.3 | 70.0 | 41.7 | 58.3 | 57.7 |
| MARQUIS | 60.0 | 83.3 | 40.0 | 61.7 | 25.0 | 53.3 | 88.3 | 68.3 | 46.7 | 61.7 | 38.3 | 65.0 | 57.6 |
| PST-1804 | 63.3 | 64.0 | 43.3 | 39.0 | 31.7 | 76.7 | 78.3 | 65.0 | 50.0 | 66.7 | 43.3 | 70.0 | 57.6 |
| MOONLIGHT | 60.0 | 73.3 | 33.3 | 63.3 | 21.7 | 63.3 | 80.0 | 70.0 | 56.7 | 65.0 | 46.7 | 56.7 | 57.5 |
| LIBERATOR | 63.3 | 68.0 | 43.3 | 56.7 | 31.7 | 56.7 | 86.7 | 68.3 | 40.0 | 56.7 | 41.7 | 76.7 | 57.5 |
| J-2695 | 56.7 | 75.0 | 40.0 | 51.7 | 35.0 | 60.0 | 81.7 | 68.3 | 38.3 | 68.3 | 41.7 | 71.7 | 57.4 |
| BEDAZZLED | 56.7 | 77.0 | 43.3 | 34.3 | 31.7 | 63.3 | 90.0 | 68.3 | 60.0 | 60.0 | 31.7 | 71.7 | 57.3 |
| BARONIE | 73.3 | 44.3 | 56.7 | 40.0 | 33.3 | 63.3 | 83.3 | 68.3 | 53.3 | 60.0 | 36.7 | 73.3 | 57.2 |
| LANGARA | 63.3 | 74.0 | 36.7 | 45.0 | 30.0 | 56.7 | 81.7 | 66.7 | 63.3 | 65.0 | 40.0 | 61.7 | 57.0 |
| UNIQUE | 60.0 | 64.7 | 40.0 | 45.0 | 31.7 | 60.0 | 90.0 | 70.0 | 75.0 | 56.7 | 41.7 | 48.3 | 56.9 |
| DLF 76-9036 | 60.0 | 71.7 | 43.3 | 33.3 | 35.0 | 70.0 | 83.3 | 61.7 | 58.3 | 65.0 | 33.3 | 66.7 | 56.8 |
| PICK-232 | 60.0 | 44.7 | 43.3 | 61.7 | 30.0 | 56.7 | 85.0 | 68.3 | 50.0 | 70.0 | 48.3 | 61.7 | 56.6 |
| ARCADIA | 56.7 | 64.3 | 30.0 | 63.3 | 35.0 | 63.3 | 86.7 | 61.7 | 48.3 | 61.7 | 45.0 | 63.3 | 56.6 |
| JEFFERSON | 63.3 | 40.0 | 56.7 | 35.0 | 26.7 | 56.7 | 85.0 | 68.3 | 58.3 | 63.3 | 36.7 | 86.7 | 56.4 |
| BARONETTE (BA 81-058) | 66.7 | 55.7 | 40.0 | 66.7 | 15.0 | 66.7 | 90.0 | 66.7 | 46.7 | 55.0 | 41.7 | 65.0 | 56.3 |
| SRX 2394 | 60.0 | 63.3 | 50.0 | 61.7 | 25.0 | 46.7 | 85.0 | 65.0 | 43.3 | 63.3 | 46.7 | 65.0 | 56.3 |

| | | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BARTIIIA | 66.7 | 74.3 | 40.0 | 28.3 | 35.0 | 46.7 | 86.7 | 66.7 | 56.7 | 63.3 | 36.7 | 73.3 | 56.2 |
| TSUNAMI (J-2487) | 56.7 | 75.0 | 33.3 | 56.7 | 26.7 | 73.3 | 81.7 | 68.3 | 40.0 | 60.0 | 38.3 | 63.3 | 56.1 |
| HV 140 | 63.3 | 86.0 | 40.0 | 48.3 | 31.7 | 56.7 | 85.0 | 65.0 | 45.0 | 46.7 | 38.3 | 65.0 | 55.9 |
| SR 2284 (SRX 2284) | 60.0 | 64.3 | 36.7 | 23.3 | 28.3 | 66.7 | 88.3 | 70.0 | 63.3 | 61.7 | 41.7 | 66.7 | 55.9 |
| H94-293 | 56.7 | 77.3 | 40.0 | 33.3 | 31.7 | 53.3 | 85.0 | 66.7 | 56.7 | 60.0 | 45.0 | 65.0 | 55.9 |
| A97-1330 | 66.7 | 74.0 | 33.3 | 43.3 | 28.3 | 56.7 | 80.0 | 68.3 | 55.0 | 60.0 | 33.3 | 68.3 | 55.6 |
| NUGLADE | 56.7 | 54.0 | 33.3 | 55.0 | 30.0 | 66.7 | 81.7 | 70.0 | 40.0 | 60.0 | 41.7 | 78.3 | 55.6 |
| MALLARD (A97-1439) | 63.3 | 70.0 | 36.7 | 41.7 | 25.0 | 63.3 | 80.0 | 63.3 | 53.3 | 66.7 | 31.7 | 70.0 | 55.4 |
| COVENTRY | 60.0 | 54.3 | 40.0 | 45.0 | 21.7 | 43.3 | 88.3 | 66.7 | 66.7 | 58.3 | 41.7 | 78.3 | 55.4 |
| A96-742 | 46.7 | 84.7 | 33.3 | 53.3 | 31.7 | 56.7 | 85.0 | 68.3 | 50.0 | 56.7 | 36.7 | 56.7 | 55.0 |
| BORDEAUX | 53.3 | 62.3 | 43.3 | 29.0 | 33.3 | 76.7 | 78.3 | 63.3 | 48.3 | 66.7 | 40.0 | 65.0 | 55.0 |
| CHICAGO II | 53.3 | 84.3 | 36.7 | 43.3 | 20.0 | 60.0 | 85.0 | 61.7 | 35.0 | 55.0 | 41.7 | 81.7 | 54.8 |
| FREEDOM II | 53.3 | 62.3 | 36.7 | 58.3 | 20.0 | 50.0 | 88.3 | 66.7 | 46.7 | 53.3 | 48.3 | 73.3 | 54.8 |
| PST-1701 | 56.7 | 26.0 | 46.7 | 63.0 | 36.7 | 53.3 | 86.7 | 70.0 | 63.3 | 58.3 | 36.7 | 60.0 | 54.8 |
| SHAMROCK | 56.7 | 44.0 | 40.0 | 40.0 | 31.7 | 63.3 | 85.0 | 65.0 | 50.0 | 58.3 | 48.3 | 73.3 | 54.6 |
| DLF 76-9037 | 63.3 | 55.7 | 43.3 | 46.7 | 25.0 | 50.0 | 80.0 | 63.3 | 63.3 | 51.7 | 40.0 | 73.3 | 54.6 |
| LIMOUSTINE | 63.3 | 60.3 | 33.3 | 50.0 | 30.0 | 43.3 | 85.0 | 65.0 | 53.3 | 56.7 | 41.7 | 73.3 | 54.6 |
| PP H 6370 | 53.3 | 95.0 | 40.0 | 33.3 | 28.3 | 40.0 | 83.3 | 65.0 | 65.0 | 55.0 | 33.3 | 63.3 | 54.6 |
| J-2890 | 50.0 | 82.3 | 46.7 | 17.5 | 33.3 | 46.7 | 81.7 | 68.3 | 55.0 | 61.7 | 38.3 | 71.7 | 54.4 |
| J-1515 | 53.3 | 81.7 | 36.7 | 35.0 | 28.3 | 53.3 | 81.7 | 65.0 | 53.3 | 60.0 | 38.3 | 65.0 | 54.3 |
| MISTY | 63.3 | 53.0 | 36.7 | 65.0 | 16.7 | 73.3 | 80.0 | 65.0 | 50.0 | 46.7 | 43.3 | 58.3 | 54.3 |
| BLACKSTONE | 63.3 | 34.0 | 33.3 | 42.3 | 20.0 | 63.3 | 92.7 | 70.0 | 55.0 | 60.0 | 45.0 | 66.7 | 53.8 |
| MIDNIGHT II (A98-739) | 53.3 | 45.3 | 30.0 | 50.0 | 35.0 | 60.0 | 88.3 | 68.3 | 46.7 | 60.0 | 33.3 | 75.0 | 53.8 |
| LAKESHORE (A93-200) | 60.0 | 64.3 | 43.3 | 26.7 | 30.0 | 46.7 | 90.0 | 66.7 | 56.7 | 56.7 | 40.0 | 63.3 | 53.7 |
| RUGBY II | 53.3 | 74.3 | 33.3 | 38.3 | 26.7 | 46.7 | 80.0 | 63.3 | 50.0 | 58.3 | 45.0 | 75.0 | 53.7 |
| BEYOND (J-1880) | 56.7 | 81.0 | 36.7 | 48.3 | 23.3 | 40.0 | 78.3 | 63.3 | 43.3 | 56.7 | 41.7 | 73.3 | 53.6 |
| GOLDSTAR (A98-296) | 66.7 | 29.3 | 40.0 | 51.7 | 26.7 | 53.3 | 88.3 | 71.7 | 53.3 | 55.0 | 43.3 | 60.0 | 53.6 |
| PST-YORK HARBOR 4 | 63.3 | 73.7 | 30.0 | 43.3 | 16.7 | 46.7 | 80.0 | 65.0 | 56.7 | 68.3 | 35.0 | 65.0 | 53.4 |
| CHAMPAGNE | 56.7 | 71.0 | 46.7 | 19.7 | 35.0 | 56.7 | 85.0 | 61.7 | 46.7 | 55.0 | 30.0 | 75.0 | 53.3 |
| ODYSSEY | 56.7 | 54.0 | 40.0 | 55.0 | 21.7 | 46.7 | 88.3 | 65.0 | 48.3 | 58.3 | 38.3 | 66.7 | 53.3 |
| SONOMA | 53.3 | 73.7 | 53.3 | 35.0 | 21.7 | 56.7 | 76.7 | 65.0 | 51.7 | 58.3 | 40.0 | 53.3 | 53.2 |
| BARIRIS | 60.0 | 24.3 | 43.3 | 30.0 | 41.7 | 56.7 | 83.3 | 66.7 | 60.0 | 65.0 | 41.7 | 65.0 | 53.1 |
| H92-203 | 50.0 | 73.0 | 46.7 | 28.3 | 25.0 | 33.3 | 81.7 | 70.0 | 63.3 | 60.0 | 30.0 | 75.0 | 53.0 |
| BA 84-140 | 56.7 | 82.3 | 26.7 | 50.0 | 25.0 | 36.7 | 81.7 | 66.7 | 38.3 | 68.3 | 43.3 | 58.3 | 52.8 |
| LIMERICK | 60.0 | 26.7 | 36.7 | 43.3 | 25.0 | 60.0 | 88.3 | 65.0 | 60.0 | 68.3 | 36.7 | 63.3 | 52.8 |
| BA 82-288 | 60.0 | 65.0 | 33.3 | 26.7 | 18.3 | 63.3 | 88.3 | 65.0 | 43.3 | 58.3 | 36.7 | 73.3 | 52.6 |
| J-1420 | 50.0 | 75.0 | 43.3 | 24.0 | 23.3 | 40.0 | 81.7 | 63.3 | 53.3 | 50.0 | 43.3 | 83.3 | 52.6 |
| J-1368 | 66.7 | 34.3 | 36.7 | 24.0 | 33.3 | 66.7 | 83.3 | 68.3 | 43.3 | 58.3 | 38.3 | 76.7 | 52.5 |
| BARITONE | 66.7 | 84.0 | 33.3 | 41.7 | 25.0 | 40.0 | 78.3 | 65.0 | 40.0 | 48.3 | 30.0 | 75.0 | 52.3 |
| A98-139 | 66.7 | 43.7 | 43.3 | 38.3 | 33.3 | 60.0 | 86.7 | 65.0 | 33.3 | 53.3 | 28.3 | 75.0 | 52.3 |
| A96-427 | 60.0 | 51.3 | 40.0 | 28.3 | 28.3 | 43.3 | 85.0 | 65.0 | 60.0 | 58.3 | 28.3 | 78.3 | 52.2 |
| 84-128A | 60.0 | 43.0 | 33.3 | 31.7 | 18.3 | 66.7 | 76.7 | 68.3 | 60.0 | 56.7 | 36.7 | 75.0 | 52.2 |
| PICK 453 | 63.3 | 45.3 | 40.0 | 48.3 | 28.3 | 56.7 | 80.0 | 66.7 | 43.3 | 56.7 | 33.3 | 63.3 | 52.1 |
| BAR PP 0471 | 53.3 | 71.7 | 36.7 | 26.7 | 23.3 | 50.0 | 85.0 | 66.7 | 60.0 | 61.7 | 36.7 | 53.3 | 52.1 |
| MIDNIGHT | 53.3 | 38.3 | 33.3 | 71.7 | 33.3 | 50.0 | 85.0 | 65.0 | 45.0 | 60.0 | 38.3 | 63.3 | 52.1 |
| RITA | 70.0 | 34.7 | 33.3 | 31.7 | 20.0 | 60.0 | 85.0 | 68.3 | 56.7 | 56.7 | 30.0 | 70.0 | 52.1 |
| PICK 417 | 53.3 | 72.7 | 36.7 | 40.0 | 16.7 | 60.0 | 85.0 | 65.0 | 48.3 | 56.7 | 30.0 | 60.0 | 52.0 |
| MOON SHADOW (PICK 113-3) | 60.0 | 43.7 | 33.3 | 40.0 | 28.3 | 50.0 | 81.7 | 63.3 | 53.3 | 70.0 | 26.7 | 71.7 | 52.0 |
| A98-881 | 56.7 | 44.0 | 46.7 | 21.0 | 30.0 | 53.3 | 83.3 | 65.0 | 50.0 | 61.7 | 35.0 | 76.7 | 51.8 |
| PST-B3-170 | 56.7 | 51.3 | 40.0 | 50.0 | 20.0 | 63.3 | 83.3 | 66.7 | 43.3 | 55.0 | 38.3 | 53.3 | 51.8 |
| SRX 2114 | 60.0 | 43.3 | 36.7 | 38.3 | 30.0 | 36.7 | 81.7 | 66.7 | 50.0 | 61.7 | 31.7 | 80.0 | 51.4 |

| | | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| A98-365 | 46.7 | 56.7 | 30.0 | 33.3 | 30.0 | 56.7 | 83.3 | 70.0 | 51.7 | 53.3 | 31.7 | 73.3 | 51.4 |
| PRINCETON 105 | 60.0 | 32.0 | 30.0 | 41.7 | 28.3 | 60.0 | 80.0 | 66.7 | 55.0 | 55.0 | 43.3 | 63.3 | 51.3 |
| B5-144 | 50.0 | 72.3 | 33.3 | 22.3 | 23.3 | 43.3 | 85.0 | 68.3 | 53.3 | 58.3 | 28.3 | 75.0 | 51.1 |
| PST-10G-27 | 66.7 | 55.7 | 33.3 | 27.3 | 26.7 | 60.0 | 76.7 | 61.7 | 56.7 | 56.7 | 30.0 | 61.7 | 51.1 |
| SRX QG245 | 56.7 | 42.7 | 40.0 | 26.7 | 26.7 | 60.0 | 78.3 | 66.7 | 33.3 | 60.0 | 33.3 | 86.7 | 50.9 |
| BA 83-113 | 50.0 | 62.3 | 33.3 | 35.0 | 23.3 | 46.7 | 86.7 | 65.0 | 38.3 | 58.3 | 36.7 | 75.0 | 50.9 |
| B3-171 | 56.7 | 55.7 | 40.0 | 29.3 | 20.0 | 53.3 | 78.3 | 70.0 | 56.7 | 46.7 | 28.3 | 73.3 | 50.7 |
| NORTH STAR | 60.0 | 73.7 | 36.7 | 46.7 | 28.3 | 50.0 | 80.0 | 60.0 | 36.7 | 41.7 | 38.3 | 55.0 | 50.6 |
| A98-1028 | 50.0 | 33.3 | 43.3 | 25.7 | 21.7 | 63.3 | 86.7 | 66.7 | 58.3 | 56.7 | 36.7 | 63.3 | 50.5 |
| A96-739 | 60.0 | 35.7 | 40.0 | 48.3 | 16.7 | 56.7 | 85.0 | 60.0 | 46.7 | 56.7 | 38.3 | 61.7 | 50.5 |
| JULIUS | 56.7 | 25.0 | 30.0 | 23.3 | 30.0 | 66.7 | 83.3 | 66.7 | 50.0 | 53.3 | 40.0 | 80.0 | 50.4 |
| TOTAL ECLIPSE | 56.7 | 52.3 | 30.0 | 45.0 | 35.0 | 43.3 | 81.7 | 65.0 | 40.0 | 48.3 | 38.3 | 68.3 | 50.3 |
| PST-85-89 | 53.3 | 62.3 | 30.0 | 48.3 | 16.7 | 30.0 | 80.0 | 70.0 | 53.3 | 58.3 | 36.7 | 63.3 | 50.2 |
| A97-857 | 56.7 | 84.3 | 36.7 | 28.3 | 30.0 | 40.0 | 86.7 | 53.3 | 53.3 | 50.0 | 28.3 | 53.3 | 50.1 |
| J-2885 | 50.0 | 37.3 | 50.0 | 36.7 | 21.7 | 56.7 | 83.3 | 65.0 | 41.7 | 53.3 | 35.0 | 70.0 | 50.1 |
| PST-161 | 53.3 | 35.7 | 36.7 | 38.3 | 18.3 | 50.0 | 91.7 | 68.3 | 43.3 | 56.7 | 35.0 | 73.3 | 50.1 |
| BLUE RIDGE (A97-1449) | 60.0 | 63.7 | 40.0 | 28.3 | 23.3 | 50.0 | 81.7 | 60.0 | 46.7 | 60.0 | 28.3 | 58.3 | 50.0 |
| ROYALE (A97-1336) | 60.0 | 34.3 | 43.3 | 28.3 | 21.7 | 63.3 | 85.0 | 63.3 | 58.3 | 53.3 | 30.0 | 58.3 | 49.9 |
| QUANTUM LEAP | 50.0 | 43.3 | 40.0 | 41.7 | 30.0 | 46.7 | 80.0 | 65.0 | 36.7 | 63.3 | 33.3 | 68.3 | 49.9 |
| A97-1409 | 63.3 | 54.0 | 33.3 | 25.7 | 15.0 | 60.0 | 86.7 | 65.0 | 46.7 | 60.0 | 28.3 | 60.0 | 49.8 |
| JULIA | 63.3 | 23.7 | 40.0 | 22.7 | 26.7 | 56.7 | 85.0 | 66.7 | 36.7 | 53.3 | 30.0 | 90.0 | 49.6 |
| FAIRFAX | 53.3 | 39.3 | 26.7 | 38.3 | 13.3 | 50.0 | 78.3 | 65.0 | 56.7 | 53.3 | 40.0 | 73.3 | 49.5 |
| BARON | 60.0 | 18.3 | 40.0 | 30.0 | 31.7 | 63.3 | 75.0 | 61.7 | 40.0 | 65.0 | 40.0 | 80.0 | 49.4 |
| DLF 76-9032 | 53.3 | 51.0 | 40.0 | 20.0 | 30.0 | 40.0 | 83.3 | 65.0 | 40.0 | 63.3 | 28.3 | 78.3 | 49.4 |
| JEMEL | 56.7 | 53.0 | 43.3 | 45.0 | 10.0 | 46.7 | 76.7 | 65.0 | 28.3 | 60.0 | 36.7 | 68.3 | 49.1 |
| NA-K992 | 56.7 | 44.7 | 30.0 | 31.7 | 35.0 | 43.3 | 76.7 | 58.3 | 48.3 | 51.7 | 31.7 | 81.7 | 49.1 |
| ASCOT | 53.3 | 54.3 | 36.7 | 51.7 | 16.7 | 63.3 | 73.3 | 60.0 | 40.0 | 46.7 | 33.3 | 56.7 | 48.8 |
| DLF 76-9034 | 50.0 | 35.0 | 40.0 | 20.7 | 25.0 | 50.0 | 78.3 | 65.0 | 50.0 | 68.3 | 23.3 | 78.3 | 48.7 |
| B5-45 | 46.7 | 40.0 | 30.0 | 25.0 | 28.3 | 60.0 | 83.3 | 63.3 | 56.7 | 53.3 | 31.7 | 63.3 | 48.5 |
| B3-185 | 63.3 | 44.3 | 33.3 | 41.7 | 21.7 | 40.0 | 83.3 | 61.7 | 46.7 | 60.0 | 23.3 | 70.0 | 48.3 |
| PST-85-125 | 50.0 | 20.7 | 30.0 | 25.0 | 18.3 | 43.3 | 81.7 | 63.3 | 50.0 | 53.3 | 30.0 | 70.0 | 48.3 |
| PST-222 | 60.0 | 44.7 | 36.7 | 35.7 | 25.0 | 36.7 | 76.7 | 66.7 | 46.7 | 63.3 | 30.0 | 66.7 | 48.2 |
| MONTE CARLO (A96-402) | 60.0 | 23.3 | 46.7 | 23.3 | 21.7 | 56.7 | 86.7 | 65.0 | 46.7 | 58.3 | 33.3 | 56.7 | 48.2 |
| BROOKLAWN | 53.3 | 32.7 | 36.7 | 43.3 | 23.3 | 36.7 | 86.7 | 68.3 | 48.3 | 55.0 | 36.7 | 56.7 | 48.1 |
| EVERGLADE | 56.7 | 23.7 | 40.0 | 15.7 | 30.0 | 50.0 | 81.7 | 58.3 | 50.0 | 65.0 | 35.0 | 68.3 | 48.0 |
| J-1838 | 56.7 | 32.7 | 36.7 | 18.3 | 30.0 | 56.7 | 83.3 | 63.3 | 45.0 | 61.7 | 35.0 | 55.0 | 47.9 |
| CABERNET | 60.0 | 57.3 | 36.7 | 30.0 | 18.3 | 20.0 | 76.7 | 65.0 | 46.7 | 60.0 | 36.7 | 66.7 | 47.8 |
| BLUE KNIGHT | 53.3 | 41.7 | 33.3 | 42.3 | 30.0 | 30.0 | 81.7 | 68.3 | 43.3 | 56.7 | 45.0 | 46.7 | 47.7 |
| CHELSEA | 56.7 | 71.7 | 26.7 | 20.7 | 28.3 | 50.0 | 66.7 | 56.7 | 63.3 | 51.7 | 28.3 | 51.7 | 47.7 |
| BAR PP 0468 | 53.3 | 74.7 | 26.7 | 20.3 | 23.3 | 50.0 | 76.7 | 65.0 | 50.0 | 53.3 | 23.3 | 55.0 | 47.6 |
| EXCURSION (J-1648) | 56.7 | 20.7 | 43.3 | 17.7 | 23.3 | 50.0 | 80.0 | 65.0 | 40.0 | 61.7 | 31.7 | 81.7 | 47.6 |
| HV 238 | 53.3 | 11.7 | 43.3 | 25.0 | 35.0 | 66.7 | 68.3 | 68.3 | 56.7 | 60.0 | 26.7 | 55.0 | 47.5 |
| NA-K991 | 46.7 | 61.7 | 33.3 | 29.7 | 25.0 | 56.7 | 83.3 | 66.7 | 30.0 | 51.7 | 33.3 | 51.7 | 47.5 |
| SHOWCASE | 56.7 | 42.0 | 33.3 | 30.0 | 18.3 | 43.3 | 75.0 | 61.7 | 60.0 | 48.3 | 30.0 | 70.0 | 47.4 |
| BLACKSBURG II (PST-1BMY) | 66.7 | 51.7 | 26.7 | 35.0 | 26.7 | 50.0 | 78.3 | 56.7 | 43.3 | 46.7 | 28.3 | 58.3 | 47.4 |
| SRX 27921 | 53.3 | 72.3 | 43.3 | 23.3 | 25.0 | 40.0 | 70.0 | 63.3 | 40.0 | 60.0 | 23.3 | 51.7 | 47.1 |
| PP H 7907 | 53.3 | 52.3 | 36.7 | 40.0 | 21.7 | 53.3 | 73.3 | 63.3 | 35.0 | 48.3 | 23.3 | 60.0 | 46.7 |
| PRO SEEDS - 453 | 53.3 | 45.7 | 40.0 | 28.0 | 20.0 | 40.0 | 83.3 | 63.3 | 40.0 | 56.7 | 25.0 | 65.0 | 46.7 |
| J-2561 | 53.3 | 13.3 | 33.3 | 21.7 | 30.0 | 50.0 | 76.7 | 66.7 | 43.3 | 56.7 | 41.7 | 70.0 | 46.4 |
| EVEREST | 53.3 | 34.0 | 53.3 | 15.7 | 25.0 | 60.0 | 75.0 | 65.0 | 36.7 | 58.3 | 30.0 | 50.0 | 46.4 |
| PST-H6-150 | 53.3 | 56.7 | 33.3 | 21.3 | 15.0 | 40.0 | 78.3 | 63.3 | 56.7 | 50.0 | 23.3 | 63.3 | 46.2 |

| | | | | | | | | | | | | | |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BLUESTONE (PST-731) | 56.7 | 31.7 | 36.7 | 23.3 | 21.7 | 56.7 | 76.7 | 63.3 | 36.7 | 53.3 | 26.7 | 68.3 | 46.0 |
| PP H 7832 | 50.0 | 23.3 | 40.0 | 21.7 | 26.7 | 46.7 | 83.3 | 63.3 | 36.7 | 55.0 | 23.3 | 81.7 | 46.0 |
| PST-604 | 60.0 | 51.0 | 33.3 | 37.7 | 20.0 | 30.0 | 76.7 | 61.7 | 50.0 | 53.3 | 25.0 | 50.0 | 45.7 |
| CHAMPLAIN (A98-1275) | 46.7 | 39.3 | 33.3 | 21.7 | 21.7 | 46.7 | 81.7 | 63.3 | 56.7 | 50.0 | 23.3 | 63.3 | 45.6 |
| BOOMERANG | 56.7 | 61.3 | 36.7 | 20.7 | 21.7 | 43.3 | 75.0 | 65.0 | 30.0 | 60.0 | 23.3 | 53.3 | 45.6 |
| A97-1432 | 60.0 | 36.0 | 33.3 | 28.3 | 30.0 | 53.3 | 80.0 | 63.3 | 36.7 | 51.7 | 28.3 | 41.7 | 45.2 |
| BOUTIQUE | 63.3 | 24.3 | 30.0 | 26.7 | 23.3 | 23.3 | 86.7 | 65.0 | 50.0 | 53.3 | 26.7 | 68.3 | 45.1 |
| BAR PP 0573 | 63.3 | 17.0 | 36.7 | 20.7 | 11.7 | 56.7 | 75.0 | 63.3 | 53.3 | 51.7 | 23.3 | 60.0 | 44.4 |
| A97-1715 | 56.7 | 14.7 | 33.3 | 29.0 | 20.0 | 30.0 | 73.3 | 60.0 | 53.3 | 56.7 | 15.0 | 81.3 | 44.2 |
| A96-451 | 66.7 | 25.0 | 30.0 | 21.7 | 23.3 | 60.0 | 80.0 | 61.7 | 50.0 | 45.0 | 26.7 | 45.0 | 43.8 |
| H92-558 | 66.7 | 3.3 | 36.7 | 19.0 | 20.0 | 63.3 | 76.7 | 63.3 | 30.0 | 48.3 | 30.0 | 66.7 | 43.7 |
| PST-H5-35 | 60.0 | 21.7 | 36.7 | 25.0 | 20.0 | 36.7 | 83.3 | 60.0 | 38.3 | 53.3 | 23.3 | 65.0 | 43.6 |
| ALLURE | 50.0 | 31.3 | 30.0 | 16.7 | 18.3 | 43.3 | 80.0 | 65.0 | 50.0 | 63.3 | 21.7 | 48.3 | 43.2 |
| CHATEAU | 46.7 | 12.0 | 20.0 | 20.0 | 17.7 | 40.0 | 83.3 | 63.3 | 63.3 | 61.7 | 18.3 | 63.3 | 42.3 |
| PST-108-79 | 53.3 | 23.0 | 26.7 | 43.3 | 13.3 | 33.3 | 78.3 | 61.7 | 53.3 | 40.0 | 25.0 | 55.0 | 42.2 |
| B5-43 | 56.7 | 24.0 | 26.7 | 17.0 | 18.3 | 53.3 | 73.3 | 63.3 | 46.7 | 40.0 | 20.0 | 66.7 | 42.2 |
| SI A96-386 | 53.3 | 15.7 | 26.7 | 21.7 | 18.3 | 43.3 | 83.3 | 53.3 | 50.0 | 55.0 | 23.3 | 60.0 | 42.0 |
| A98-183 | 50.0 | 17.7 | 33.3 | 20.0 | 15.0 | 50.0 | 76.7 | 65.0 | 45.0 | 55.0 | 25.0 | 50.0 | 41.9 |
| PST-B4-246 | 53.3 | 22.0 | 33.3 | 25.0 | 13.3 | 43.3 | 73.3 | 65.0 | 33.3 | 48.3 | 21.7 | 68.3 | 41.7 |
| BA 00-6001 | 46.7 | 14.7 | 26.7 | 23.3 | 11.7 | 36.7 | 81.7 | 65.0 | 50.0 | 58.3 | 21.7 | 63.3 | 41.6 |
| 99AN-53 | 66.7 | 33.0 | 30.0 | 23.3 | 25.0 | 30.0 | 73.3 | 65.0 | 26.7 | 51.7 | 15.0 | 58.3 | 41.5 |
| BODACIOUS | 50.0 | 71.7 | 36.7 | 25.0 | 26.7 | 26.7 | 71.7 | 58.3 | 16.7 | 43.3 | 15.0 | 51.7 | 41.1 |
| IB7-308 | 40.0 | 27.3 | 30.0 | 20.0 | 15.0 | 43.3 | 83.3 | 63.3 | 46.7 | 48.3 | 25.0 | 40.0 | 40.6 |
| PP H 7929 | 53.3 | 32.7 | 40.0 | 20.0 | 18.3 | 36.7 | 71.7 | 63.3 | 30.0 | 45.0 | 11.7 | 51.7 | 39.5 |
| BARZAN | 43.3 | 26.3 | 23.3 | 16.7 | 15.0 | 36.7 | 68.3 | 60.0 | 55.0 | 45.0 | 21.7 | 58.3 | 39.1 |
| BH 00-6003 | 46.7 | 20.7 | 30.0 | 16.3 | 13.3 | 33.3 | 71.7 | 56.7 | 30.0 | 53.3 | 25.0 | 56.7 | 37.8 |
| BAR PP 0566 | 60.0 | 15.3 | 36.7 | 16.7 | 15.0 | 13.3 | 73.3 | 56.7 | 46.7 | 40.0 | 21.7 | 55.0 | 37.5 |
| A98-407 | 43.3 | 28.3 | 20.0 | 15.7 | 10.0 | 13.3 | 75.0 | 63.3 | 40.0 | 46.7 | 13.3 | 48.3 | 34.8 |
| CVB-20631 | 46.7 | 22.0 | 20.0 | 28.3 | 11.7 | 33.3 | 50.0 | 51.7 | 41.7 | 36.7 | 15.0 | 55.0 | 34.3 |
| LSD VALUE | 14.2 | 24.7 | 13.9 | 24.6 | 17.5 | 28.8 | 13.2 | 8.1 | 14.2 | 21.4 | 10.7 | 25.0 | 5.5 |
| C.V. (%) | 15.3 | 29.2 | 22.7 | 39.2 | 42.2 | 34.0 | 10.0 | 7.7 | 17.9 | 23.0 | 19.1 | 23.2 | 22.9 |

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

US DEPARTMENT OF AGRICULTURE
 AGRICULTURAL MARKETING SERVICE
 SCIENCE AND TECHNOLOGY DIVISION-PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a), and the Paperwork Reduction Act (PRA) of 1995

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

| | | |
|--|--|--|
| 1. NAME OF APPLICANT(S) J.R. Simplot Company (bt: 8/11/98) | 2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER J-1648, 93-1648 | 3. VARIETY NAME Excursion |
| 4. ADDRESS (Street and No., or RFD No., CITY, STATE, and ZIP Code, and Country) 5300 West Riverbend Avenue Post Falls, Idaho 83854 | 5. TELEPHONE (Include area code) (208) 773-7581 | 6. FAX (include area code) (208) 773-4846 |
| 7. PVPO NUMBER #200300210 | | |

8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain.

YES NO

9. Is the applicant (individual or company) a U.S. national or U.S. based company? YES NO

If no, give name of country _____

10. Is the applicant the original breeder? If no, please answer the following: YES NO

a. If original rights to variety were owned by individual(s):
 Is (are) the original breeder(s) a U.S. national(s)? If no, give name of country _____

YES NO

b. If original rights to variety were owned by a company:
 Is the original breeder(s) U.S. based company? If no, give name of country _____

11. Additional explanation on ownership. (If needed, use reverse for extra space):

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

- If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
- If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
- If the applicant is an owner who is not the original breeder, both the original breeder and the applicant must meet one of the above criteria.

The original breeder may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition

Public reporting burden for this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reduced burden, to Department of Agriculture, Clearance Officer, OIRM, AG Box 7630, Washington DC 20260; and to the Office of Management and Budget, Paperwork Reduction Project (OMB No. 0581-00551, Washington DC 20603.

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